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Rochesten, New York 14603



A SELECTIVE MICROFILM EDITION

PART IV (1899–1910)

Thomas E. Jeffrey Lisa Gitelman Gregory Jankunis David W. Hutchings Leslie Fields Theresa M. Collins Gregory Field Aldo E. Salerno Karen A. Detig Lorie Stock

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Robert Rosenberg Director and Editor

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at Rutgers, The State University

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Edison Portland Cement Company Records Plant Operations - Trouble Inquiry (1903)

This folder covers the period October-December 1903 and consists of series of preprinted forms with the title "Trouble Inquiry." Each form contains typewritten questions, suggestions, or criticisms by Edison concerning operations at the Stewartsville works, along with responses and comments by other company employees. The documents are all initialed by Edison and some bear his handwritten notations.

Approximately 50 percent of the documents have been selected.

Edison Portland Cement Company.

OCT 28 1903 OCT 20 1903

TROUBLE INQUIRY.

Orange, N. J.,-Manager. .Department_ How long will it be before wiring on Blower motors wi THOMAS A. EDISON, General Manager. fireshed 10/31/03

Octo 2154, 1903 John O.

OCT 28 1903 OCT 20 1903

MI SE SE

war of the

TROUBLE INQUIRY.

Mr	H. S. Moulton,	Manager.
	On Log	Report of Oct. 14,
Item	3.40 P.M.	Department Clinker Fine Grinder
	Why did belt-	olip on 130 Conveyor? Could this not have
heen-f	Coroncen? Ninety-	thicag is nother play for fixing this bolt
_snd_ho	winnel more time.	was lost connot be told by the leg. You
stopps	ed at 3.40 and Mill	was shut down for the day. Please explain
_this.		
- wh	Harte L	or hold obey could this
-		10 11 11 50
		OR ME
		THOMAS A. EDISON, General Manager.
Referred	to Mr. OBin	19/11/03, for explanation.
200	A # 133 Com	Miffed Bell on Drine of #1 grinder
- Con	20 as in Court	Man ded and get Belle Some
	- Made Miss	an Cleaning of Mill
		0 1
	77.	
		1,1
New Villa	ge, N. J.,	2/-05 190 00
		Oomi
	4,	Per worker.

TROUBLE INQUIRY.
On Edison Portland Cement Company.
Orange, N. J., Oct. 19,1903.
Mr. H. S. Moulton, Manager.
On Inspector's Report of Cot. 16,
Item_2108 Department Inspection Are flight bolts burred over?
(2) Would not a titlle hummy Keeg the next from trang look a east pount setting reprint THOMAS A. EDISON, General Manager.
Referred to Mrfor explanation.
Mo. Thegit + clarge butts are
to be presently marray to silver hotes and a silver
on wany,
(2) This low well try centra penchang botts on throat
thing (this will ausim the person where

OCT 28 1903 OCT 20 15.3

and a companied that the second of the companies of the c
Number 24 82 and
TROUBLE INQUIRY.
Edison Portland Cement Company
Orange, N. J.,
Mr. H. S. Moulton, Manager.
On Report of Oct. 2k, 19,
Item 8.40 A.M. Department Clinker Fine Grinder.
Was it a new cable that broke and one with a proper aplice? How many hours did it run? Is the actual grinding time of cables
being recorded so we can learn something from any changes we may
Masonia What is The reason the their water
(5) I asted only 20 hours what is the like of
L) other ropes, please keep a record of
Crushing hours of each rope
THOMAS A. EDISON, General Manager.
Referred to Mr. Olymu 1923/23 for explination.
actual guinding time I Way 2017 Hours
January of Francisco
12) The can always at the day of the
com bythe long as all changes Disputes
an welet on log. I carret Explan
this course The rope brosk in the Epile.
10-29-05 William.
Ø 404
New Village, N. J., Oct 26 190 Main
001 29 1903 007 22 1903

TROUBLE INQUIRY. Edison Portland Cement Company.

	Orange, N. J., Oct. 21,1903.
Mr. H.S.Moulton,	Manager.
On Log	Report of Oct 17,
Item 7.24 A.M.	Department Chalk Plant
	ken off a new onewith good splice? How
long has it run actua	l orushing time in hours?
Keep a record	1 0 1 0 1 0
a record	shistory of Each rope
on Chalk or	Cerquit = WE cont along
TT .	1/40
1	,4//
	THOMAS A. EDISON, General Manage
Referred to Mr. 2	right 1923/08 for explanation.
Reserved to Minimum	- / Jor explanation.
The cable refer	ord to was a new our - with
long splice -	Having bun spliced by
Mr Stucker	I toffier.
	crushing times in hours,
taken from Te	og. Buok, was 29.7 hrs.
	<u> </u>
Harris Harry 111	as special by Dan Sunth, any we
I was not Stolmer	at by Shallon
A was not stolen	ment 2. Shut 21 WHM
New Village, N. J.,	- 2.4 100 3
	Pinans
29 1903	

	Number 28.	
TROUBLE	INOUIRY.	
 	00.80 003	;

Edison Portland Cement Company.

Orange, N. J., Oct. 21,1903. H.S.Moulton,Manager. Inspector's Report of MOMAS A. EDISON, General Manager. OCT 28 1903

OCT 22 1903

[ON BACK OF PRECEDING PAGE]

and take advantage of a	every what down to also
and take advantage of a	
with	
Marina Jawa Barata (2011) Marina Barata Barata (2011)	
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	BLE IN
	QUIRY.
romatus & field o getting	der de la companya della companya della companya de la companya della companya de
Joseph Land Me air Lat The Canny and m Shoed Cord not from buffered	Pathing the four. The dogs Juhan a
, prostfrag,	dust lead to

TROUBLE INQUIRY. Edison Portland Cement Company.

- Tanapatan J
Orange, N. J., Oct. 21,1903.
Manager.
Report of Oct.17,
Department Inspection
I have trouble with shear devices and
1+10
chat you decide
<u> </u>
THOMAS A. EDISON, General Manag
of explanation.
fixed by Renewing the Kulls
to seeuse a corine in blace
to seeme Bearing in place
Can be made seems
girder
efetting / lego
- copin
1903

[ON BACK OF PRECEDING PAGE]

- was found on panny block or	uf ar	ucuation	ne shot	tho=" sv.w	Rut
s it was not very	tigato	the co	vas Set	forwa	ng
- extra Shines	reld o	camp it	J pello	wo bloo	o de
	wit				
	11-	4-23			
			Nature of Trouble	Par	***
			ure of		TRO
			Troub		JUBL
•		ï	ė		Ë
				Dep	Qui
				1 6	
			1	i i	···

Number	31	_

TROUBLE INQUIRY. Edison Portland Cement Company.

			Orange, N. J.,-	Oct. 21,1903.
Mr	H.S.Moulto	n,	Manager.	
	On	Inspector's	Manager. Report of Department	Oct.18,
Item_	21.26	I line gund	Department	Inspection
	So all o	f the Rolls h	oth Chalk and Cem	ent get hot? Did they
f	ormerly get	hot?		
		+ ohense		-
	- Dines	+ one		l
	Mrg	et w	- DAM	TM
		210	14/17/11	J
		/	11/10/	
-				
				7
			THOMAS A.	EDISON, General Manage
_0 	ll of the	rapes as isolylalic notice so		atrando ano
New '	Village, N. J.,.	10/24	1903	u Djagne

(6) 20 963 32.

TROUBLE INQUIRY.

		Orange, N. J.,	Oct.21,1903.
Mr. H.S.Moulton	,	Manager.	
On	Inspector's	Report of	0ct.18,
Item21.28		Department	Inspection
I think D	ope with grap		v much; an experiment
		better than theory	
Roman	(Lucy	OP	W
	/		
		THOMAS A. E	DISON, General Manager
Referred to Mr	Radi		planation.
Have a little	urul	grappition looks very	mixed win
	<i>)</i> :		
If me		I That w	ing of graphin
souster			bure metal
it wil	certain	My preser	ve botti,
New Village, N. J.,		190_3	M.Radery

Number	37	

TROUBLE INQUIRY.

00 30 Sug Edison Portland Cement Company.

Orange, N. J.,-Oct. 26,1903. H. S. Moulton, Manager. On Inspector's October 23rd, Report of Department. A number of good bolts in scrap pile to the left of Machine Shop. Dilts, have some one attend to picking up bolts, etc. around Mill. Think Rigger could do it. Suggest a helper or yard man be provided with a basket and a barrel and told to go all over the plant inside and out and pick up all small things, empty in barrel and when full it is to be probably collect one ton. HOMAS A. EDISON, General Manager, for explanation. New Village, N. J.,

OUT 28 1903

Crairie at his

NOV - 5 1903 NOT - 12 1903

Fill - 2 1/03

TROUBLE INQUIRY.

1	Orange, N. J., Oct. 26,1903.
Mr	H. S. Moulton Manager.
	On Inspector's Report of Oct. 23,
Item	2196 Department
	Flights on Conveyor #118 catch on chute at rear end.
W±1	1 look into it.
-	
1-	Report what is done to stop this
- 1 AH	they was sould chillenn stanger on
4	Warm Would Chilling Stanges in
	wheels help worth
	THOMAS A. EDISON, General Manager.
-	. 0 .
Referre	d to Mr. Stronger for explanation.
1	New states la sine heur dont ou sufilale
auge.	des comments aightand dres not allow-
lighter	estel an Solute of room and I he old
July	colo rueno fadly more on their call are
<u> </u>	
) Phi	is is not due to planger wearing but to the old
nou	wer of thust biousago in scraper con where, but
av	gradually regetting all Serapers with whiles
strai	t have large that beaut.
	6 WHU -11-05-03.
New Vil	llage, N. J., 10(3) 190 3
3 - 1903	eopen majoyan
2.8 1903	
Κ΄.	

1865 - 12 18U3 WOV - 5 1903

Number 39

TROUBLE INQUIRY.

					Oran	ge, N. J.,-		Oct. 26	,1903,	_
	Mr	H. S	. Mou	lton,	Ma	nager.				
		On	I	nspector's		_Report o	f	Oct. 2	3,	
	Item_		97			partment_				_
		Sever	al fl	at wheels	n Conve	yor #118.	Cary	, why ha	ve these	
	not	-been-c	hange	d? (2nd no	tice)					-
	1	-	Why w	as this not	attend	ed to?				_
ン	7	Haza	1	tow ab		Ce.	ch	.cox	60-7	 «
	_	q-lae	e-d-	is con		HOMAS A	. EDIS	ON, Ciene	al Manage	·r.
	Referre	d to Mr.		Qa	y .	+ Destr	explan	ation		
	[m	achs		ulD 2 hv/	suct 18/	X4	Jeki Tek	1000	from	_
1		ise wh	eels	Could and L	e lifed	hejouse	with .	the the pre	e of men.	_
	On	that tix	ne aw ntist	he points	neit the	Semand Could	am/s	t men to	of the	
	1/4	no of a	there f	loces which	tould in	at be ore	chete	A	Bilto	
2	19	ho chill	of the	als would	ا لين مندا لي دراه کند کار	. bud we	. Kom	So ma	my extra	aget
	New V	llage, N.	J.,_	of that I the	repract	1903	fue.	71-3-03		- 📳
V	3 - 190	aux	u				Heo	inas .	Cares	ter

NOV - 23 1903

TROUBLE INQUIRY.

Edison Portland Cement Company.

H. S. Moulton, Manager Inspector's Inside temperature of Gunny chamber over 50 H.P. motor driving Conveyor 132, after running 9 hours 20 minutes, 115 deg. Either the fan is too slo or this chamber never was S A. EDISON, General Manager. Referred to Mr for explanation. New Village, N. J.,

NOV 3 - 1903 OCT 28 1903

NOV 14: 303

TROUBLE INQUIRY.

	Orange, N. J.,	Oct . 26,1903
Mr. H. S. Moulton,	Manager.	
On Inspector's	Report of	Oct. 22,
	Department	
		2 are very hot,
brushes sparking badly. Mot	or has been change	d
Why did fields get	hot and brushes s	park?
Fort	<u> </u>	
		ahead TExplan
handle a lot of 6	got hot det	want to wade
The state of the state of the	1 1	T
· ro	THOMAS A E	ISON, General Manager.
<u> </u>		
Referred to Mr. Sor-clin	un philo for exp	Janation 2 - Govelaullie 146
(This is inspection	report 1	trouble with
motor which apple		Roanter Blant
oct. 21 - 4.18.	Cause is	explained
in sheet for that	itum 3	w Hun 172
There was high bar	in comment	ator which
connect alastic and	4,7	10 700 77
could not be brough	+ down to	and Que ture
had to change our	otos - s	ce item # 78
New Village, N. J.,	10/29 1903	
V 3-1903 · gordun	11/12	R.H. Growini
1 28 1903 with		

(f. 31. 30)

Number 44

Maryan

TROUBLE INQUIRY.

			Orange, N. J.,-	Oct. 26,1903.
Mr	H. S. Moulto	222		2007 2012/001
Nir	II. D. MOULE		Manager.	
	On	Inspector's	Report of_	Oct. 21,
Item_	2159		Department	
put	flexible cour	tor bearing of	f front equaliz flexible on ski	or runs hot. Cary, p car dump.
	What is	equalizer?		
			THOMAS A. I	ZDISON, General Manager.
Referre	ed to Mr.		16 . 19/19/20 for ex	
Squ	entezero .		used for	highting
0 Th	ey are to	100 25 A	motor por	pled together.
-24	ly equa	lige the	valtage	at the lamps
wh	there	sa d	upperules	in load
-we	terrear th	a los se	de of un	care were
Dego	his eur	ca re-	to shut	down the small
_#.	+ S Engi	in and	run in	Ey langer me
New V	illage, N. J.,	cu.	10/29 1903	BHGoodwick

Number 46

Mande Offices

TROUBLE INQUIRY.

Mr	H. S.	Moulton,	Manager.			
	On	Inspector's			Oct. 21,	
Item	2169					
	Pieces	of iron are			of 2nd shell fr	om
		Roaster. N				
	What i	s cause? Is	it serious- wi	ll dope a	nd graphite hal	p out
			17			
			Ma			·
		11	11/1			
		VV	THOMA	S A. EDIS	ON, General Man	ager.
Referred t	to Mr		/	_for explan	ation.	
apy	sasan				Casting.	the
- Sop	il o		+ Causes	the So	missin hi	0
-59-	<u></u>	It has b	uloru ve	11/	1. Senon	_
_wii	tun It		o or three	. /		
tola	thep		pursue			ti
		D				
120	Poas La	Henge				
New Villa	ge, N. J	, 10-	28	ر ک	00/111	

101-9 103 Number 56

TROUBLE INQUIRY.

	Orange, N. J., Oct. 27,1903.
	Mr. E. S. Moulton, Manager.
	On Inspectors Report of Oct. 20,
	Item 2142 Department
	Oil cups come off of one wheel on Conveyor 114. Cary.
١	Why do they come off? Why don't the foreman find these
ı	things out?
ז	What is proposed for rained of
	THOMAS A. EDISON, General Manager.
	Referred to Mr. Rugner Will for explanation.
	The small cotter in serve head more off. I walk serve is not long monghe, about to be to the country with on as
1	least to This hote in whole as The mertide
1	Joint of serve is worn away - Then cab
.	Easily inserved.
	There caps were found off by forman and
	same reported to forethand of oil Dept.
(2)	
4	New Village, N. J., 8ct - 30 1903
day	acon other riaseles - Ser
	1-1903 raport 910-29-03

[ON BACK OF PRECEDING PAGE]

2) as was appropriated des covered	ilm was	are
ossburting in the dust bein when	ch would	het.
The plugs on one supo Sometic	no of buce	16 scm
quentimetrut many referrit.	a old ma	where
washers should in some cans	+ little co	1 gr
love the as it moves it wear	sour mi	- J
There Seraper con wheels are	- very un	realis facting
any way; They have to be only	doing for	equily
and it talks a lot of time		•
to Kup their we Shape,	Par	
although there is notweet	He T	H
time charged against them	of T	RO
in the log reports.	rout	. B
all of the seraper long were	ě	
and over + orled last wing		NO.
and now the any while	1 3	
existend or almost all		Y.
There. of course part 6		
the will is due to		
the thrent bearings inthein		
but that is notal of it.		ļ
you that (we could get up		
Some clary Letter		
LON//		
11-4-63.		j

Orange of their

100 G 900

68

TROUBLE INQUIRY.

			Orange, N. J.,	Oct. 27,1903.
Mr	H.S.Mon	ilton,	Manager.	
	On.	Inspectors	Report of	Oct. 20,
ltem	2144	./	Department	
	One	chill shoe br	oken on front side	of Conveyor 128. Cary
				\\\ \(\lambda \).
1				,_T <i>U</i>
	Why	didn't forema	n find this out 1	1. 1
/41	د ما عمی	D:	/ 4 /	but to some
1	une to 1	to proof-	out nowbent	I to know that
7	rin Knew	of the L	act	V .
	1010-1	1		
			THOMAS A E	DISON, General Manager.
<u>.</u>			THOMAS ALL	Disort, deneral manager.
Referred	to Mr.	Ran	class for ever	olanation.
	7161			, dilution;
-/-	Whu	T proof	is there	That he
\-	did	not	sknow st	7
1-1-	1	mers .	tor 9. bro	4.
'-	2000			
	run	me pr	pri Pluce	e con, is summe
· rac	nd	This ni	as replace	ed the same
10	lang		· · · · · · · · · · · · · · · · · · ·	
,	.0	, , , , , , , , , , , , , , , , , , , ,		
1/4	claims,	that he did s	Unord of the broke	" Chill Shoe - How "
New Vill	age, N. J.,	10/	<u> </u>	2000
T 9 o none		April 1		Mades
T 28 1903	entery	- 1. 3.3		<i>'</i>

NOV - 5 1903 | Lat. - 13 Lat.

TROUBLE INQUIRY.

		Orange, N. J.,	Oct.27,1903.
	Mr. H.S.Moulton,	Manager.	
	On Inspectors	Report of_	0ot. 20,
	Item 2145 /	Department	
	One holt out of tw	o clamps on Conve	yor 128. Cary.
	Why didn't foremen	find this out?	Foremen are paid
, 1	to find these things out and	not depend on th	e inspector. If they
(1	are permitted to rely on him	to find overythi	ng, things will go had.
	Mason-What can	Se done to lat	To the bouce -
J	Tool .	A 1. 1//	
	· — · · · · · · /	1110	
		THOMAS A. E	DISON, General Manager.
	Referred to Mr. Mac	le or ex	planation.
	He did find	Mont.	The man
- 1	m charge re	/ / .	in to foremen
-	soon oper	ne finds	Thim.
1	at the present	time 1	while I am
1	writing this	report 7	The man in
1	Charge reports		at 5, 50 C.M.
1	So wow see-	come out	y trouble some
	to keep then	- all is	
2-	New Village, N. J., 10	<u>/3/1903</u>	mu,
,	CT 28 1903 - COAU -	.———	41,14ader
	- 1903		

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necessary. It boths become	a	uu	. lo	سادس	00	
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TROUBLE INQUIRY.

Department of Trouble

Number_____60

TROUBLE INQUIRY.

W 30 90

Edison Portland Cement Company.

			Orange, N. J.,-	Oct. 27,1903.
Mr	H.S.M	oulton,	Manager.	
	On	Inspectors		Oct.20,
Item	2146		Department	
	W:11 n	otpatterns at	front end of ro	aster No. 1, become
-warped	they are	piled up in	a-very-reckless-	manner. This is only
tempor	ary; think	they are 0.K	•	
	Warped	patterns are	expensive.	
		1		
		(h		
		WY	THOMAS A. E	EDISON, General Manager.
Referred	to Mr		for ex	planation.
1h	y.	malegi	my my	do not
New VIII	age, N. J.,	10-	27 1003	ttm.

OCT 2.8 100%

TROUBLE INQUIRY.

		Orange, N. J.,	10/27/03/
Мг	H. S.Moulton,	Manager.	
	On Inspectors	Report of	Oct. 20,
Item	2147 One flight off of	Department Car	у.
report an in fixed on Kitcher fixed on kitcher fixed on the fixed on t	the machinery; they so things and report to Mr. Moulton- ples t those things to fore spection nature. He is the things which the T notice continue	him. see take this up and sman, also that fore s there to look ahe General Inspector n usly that if a bear spectors who call at to what the foremen The latter is see	arrange that men men's duties are of and find and have own finds for him. In needs canyassing, tention to it, whereas There seems to be a of the plant is for nerally speaking.
Referred	to Mr.	for exp	lanation.
- E	the above.	and we hop her after. n must ren	when that wange
pi pi	selecte cared a aple of up ain him one other	of 4 you we can't which before ruspe	to the profund
4	lage, N. J., 10 -	- 2 9 1903 C	Huam ver at our attenion, make
טא וטט	a day or two ago	- Il Worth	10/30/01.

TROUBLE INQUIRY.

Edison Portland Cement Company_{MV 4.6} 102

			Orange	, N. J.,	Oct. 27,19	03.
Mr	H.S.Mo	ulton,	Man	ager.		
	On	Log		Report of	Oct. 23,	
Item	4-35 P.M.		Dep	artment	Roaster	Plant #1.
	Shut down	on account	of puttin	g new brus	nes on Ronster	Motor.
	2 Why w	ere new bri	ushes put	on roaster	motor of No.	1?
79m	ver too	Es elun	n will ?	cement.	- the Cou	· mulalo
- go		a q qa		mble, w		D-1-mile
-00	arecus of	Thy fra	- LUE as	l vean	Cho time	he
4	the Comp	* 1	was the	· Acalm	cul 2N 3	Cuman
dà		S hour		MAS A. E	DISON, General	Manager.
-Evoc	rub cheake) cut The 51	Cant agry		Crocke	right when
Referre	ed to Mr	Dan	7470	for exp	olanation _Z B _A	uno 1
7	suhen a	motor	0/10/19	bady	wi fine	/
1	he and	Ture à	on Ton	Shut do	lean com	
17.	troughly	5 that		un bet	Crushes to	trans
10	we fail		ri the	troubs.	me also.	find
-	ummin/	Lines	the O	cleaned	um whi	while
7		30 mine	les	0-7 0-0	1/	
				Mised		
New V	illage, N. J.,	act 2	9.	190 3		7
		102903	·	(RS)	Barn	0

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0	41-0 8	C. alz cal	dept was	ined
In our for	et lest in 8			med :
- · · · · ·	andere Cer	CUX CATE	and an an	<u> </u>
	- MALLEN WOLLEN	The same	-	f .
Clean	A` .	V d	a cum u	ے۔۔
Spark is	shite run	- 00		-A
	6 A.E.	concers.	-) 0000	
This see	-	0 +	worke	2 then
. Lunden	en to	ther - ch.	چەنىيىنىنى ئىسىدىن ئالىرى 1975- 1970-يىلىرى	gedger i 11 tradicional, com We
	t work	now -	2	
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NOV -4 1903

68

TROUBLE INQUIRY.

Edison Portland Cement Company. 80 and

	Orange, N. J.,-	KYKYKKKKKKYX
Mr. H.S.Moulton,	Manager.	Oct. 27,1903.
On Log	Report of	Oot, 23,
Item 3.35 Shut down- Tail brick fell	Department	Roaster No. 2
What is cause of	ail brick coming	out? I thought this
had been fixed for good by	inserting in the t	rick so as to protect
from fire.	1/1	de la
2) Do you not think	he transchip	Que to docum
wie hald it with		Int see how anything
Boneculue, au Bestoy	7 - 8 3	DISON, General Manager.
Referred to Mr.	for fx	planation.
I thought So 7	oo. auf	J Survey
that the heat is	sasks the	lovelight ding
forthe butter of	el it to	it possible
for a rush job	7 100 000	
apathing tha		w in staplon
When you was he see	u Rouston	we should how
this bug can't in	shell	
	· · · · · · · · · · · · · · · · · · ·	
New Village, N. J., 10-2	190 5	Hruann
was to plant by with		- The same

EU - 9 1903

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TROUBLE INQUIRY.

			Orange, N. J.,	
Mr	H.S	.Moulton,	Manager.	
	On.	Log	Report of_	Oct. 23,
Item_	11-40		Department	Clinker Fine Grinder
-Shut	down-E	elt_pulled	apart on drive of No.	/ Grinder. Waiting
for	belt man	to lace be	alt and put it on	
\ =				21 27 2 / 0120
1	Vin	y did it to	ake 3 hourd to an 11cf be	on No. 1/ Grindery
	25 m	mules 4	s get the inter-	chine there
ν	Stort	Lew 1412	and olow- Court	the time to
		woved -	V	
	,5		THOMAS A. I	EDISON, General Manager.
		1	2 (0. 10/02	1 0 14 Nala
Referr	ed to Mr		for e	xplanation2, Pelling 114/2
1	7/10 01	tool to	ne on this job u	1 1 der
tob	en il	about as	tollows de	rato Ziv
				ding there 25 him
		. ,	Repairing 1	
			Petting on Bed	17 30
-		Jaking	up ontince Bel	,
21	e tim	on our		wer as is twoms for
the	John 7			to alone being take
10.			away and ca	ring the Ldeing
- And		20 1	29 1903	0 - 11:00
2-12e/	Village, N ~)	. J.,	7 1900	Q 7 Pelling
907 £8 19	903 4	nous		- 1 100000

The 25 Min referred to on the other side does not seem to be understood. On a belt breaking as in this case, the first thing is a trip from wherever I may be found. to the first friend as hunt for the Migger to cart the machine friends when belt from to the Migger to cart the machine friends when belt from to the first grander. I may find the theam in 5 min or I may find the theam in 5 min or I may find the wagon braded so that I have to go hunt for amother wagon braded as that I shave to go hunt for amother wagon anyway it is looked at the time taken for this marker is percely a matter of circumstances. Should the break be in the Filler wo machine is needed but but if in the long and of the best we med the seachine three and we machine to machine the care then dependent on others.

Of Filling

Fam loveling up some Swall hand hunder ours ours of think the win name such delays to a munion.

11-4-03

NOV - 9 :900

TROUBLE INQUIRY.

		Orange, N. J.,	000. 27,1900.
Mr	H.S.Moulton,	Manager.	
`	On Log	Report of	Oct. 23,
Item_	2-45	Department_Clir	ker Fine Grinder
Shut	down- 011 pipe br	oke on line shaft when bel	t pulled apart.
-011c1	r did not find it	out until we started to ru	n. Waiting for
pipe	men to fix it.		
ĵ) 		break every time big bel	
Grino	ier? If liable to	be broken, can it be char	ged or protected?
2) Wa	won-what	Jell you going	to do a Bent it
1	/\\'	THOMAS A. ED	ISON, General Manager.
Referre	ed to Mr. DU	The hair	anation.
Deis	ny Changed tu	ill be protected by s	races in Building,
1-1		s to Oil filters owil,	home to be
il		myk at 360/the Sh	
5	very thing &	reeft the most supe	tantial structure
luc	how chang	ul diamort hum	tover head
au	of do not thing	bett breathing can	affect + now,
lui	that should	sight fuels or our	lelans at beauty
New V	illage, N. J., <i>QL</i>	F 29 190	W7+W4-03
00= 0 = 1		An	Bilto
10 139	1903		

Owner of Miles

TROUBLE INQUIRY.

,	Orange, N. J., Oct. 27,1903.
Mr. H.S.Moulton,	
OnTog	Report of Oct. 22,
	Department Chalk Plant 113 ohoked up, slow speed.
Why did it choke?	There is something radically wrong
10	THOMAS A. EDISON, General Manager
Referred to Mr	· ·
	a wistake as we had
an endeavoing &	Con w 118 othoring.
New Village, N. J., 10-	-29 1903 Pugu

Number 72

TROUBLE INQUIRY.

		Orange, N. J.,-	Oct. 27,1903.
Mr	H.S.Moulton,	Manager.	
	· OnLog	Report of	Oct. 22,
Item	2-58	Department	Chalk Plant.
Slow	speed- Fuse blow		10
>			VIO
/	Why did fus	e blow on Convertor 113,	witter investigate?
1	conveyor if all prised that the fun	free should take voly i	ittl power and I am
	" what	was the trouble	with the
	bryoles the	I They had to G	2 changed
	are breeshes o	honged, attem, are	they changed on
w	committently wor	teng hoten MAS A.	EDISON, General Manager.
Referre	i to Mr.	for e	explanation. 2- Banus
13	les cause of		(Mr Word willis
101	atrs) was		idental short
co	reun- Gle	etricians were	
120			vas rushing, and
10			electrician letting
11/4	cable en	ous on two wier	ago no yoter causing
ST	ort circuit a	and fuse to be	ow.
oi			
New Vi	lage, N. J., 801	29 1903	Pinsone.
0CT 2	3 1903 2 nd	Roply Gross 4 12	00/8

I nd Reply

Depar

notes was of sparting baddy Electricians succepting to put an brusher are thange after as fine of brushers are change after the spart of an of one we getarty full the spart of an other Plant; brusher Cannot be chonge with Punty brusher Cannot be chonge with Punty brusher Cannot be chonge with Punty brusher are returned to Electrical Dept and reground an end and mand record term Electrical Dept and reproduced and mad now home brusher and we hope to total that Kind that will toppe work an and

TROUBLE INQUIRY.

TROUBLE INQUIRY.

			Oran	ge, N. J.,	0000	1112001
MrH.	S.Moulto	n,	Ма	nager.		
	On	Log		_Report of_		ot.21,
Item	10.00		De	partment_Cr	usher Pl	ant.
Waiting	for spe	ed, unable	to start	engine on	centre.	Loosening
				to turn eng		
						olant is beyond
-my-comp	rehensio	n. How h	as 1t beer	done heret	ofore?	Please run
this do	wn becau	se there	is no appu	rent reason	for it.	
			0			
· · · · · · · · · · · · · · · · · · ·		10				General Manager.
Referred to	Mr	Kal	efen	ror ex	planatio	1.
						to free
Si	meder	staus but:	1 Ha	Rolls	had	all hun
700	~ W	loxu				
New Villag	e, N. J.,_	021	1.301.	190	,	4
OCT 28190	3		· . —	-	00	Succession

Brandry Hick

TROUBLE INQUIRY.

int	-0	Suß

			Drange, N. J.,	Oot. 27,1903.
Mr	H.S.Moulton	,	_Manager.	
	On	g	Report of	Oct. 21,
Item Shear	11-03 on grinders	(Large dowel	Department pin stuck fast	Chalk Plant in flange of drive)
-after	Please	()	of dowel pin s	ticking fast in flange
v	an thro	7 11	for ut	he fuline
		1/1	THOMAS A. E	DISON, General Manager.
Referred	to Mr	Purge	en pholos for ex	planation.
17%	x causa		Vao Hat	down plus
) Ha	ving a	from	wot office	ig pin before
ha		to two ca-	.,	siving pils too
au	y number	when has	in this care	Lotter do not autupat
New Vill	0 ./.	ter_ 29	1903	ingm.

HOY -2 1903

TROUBLE INQUIRY.

107 - 9/903

			a de la constante de la consta
		Orange, N. J.,	00t 27 1903.
	Mr. H.S.Moulton,	Manager.	* **
	OnLog	Report of	Oct. 21,
	Item 2.00 P.M.	Department	Rouster No. 1.
	- Shut down on account of pack	ing ring and oil (hit of bearings 2nd
	and 3rd intermediate shaft.	1	
,	Why did-packing ri	ng goho put of kno	and 3rd Intermediate
1	is this?	Wire obtygra	t in? Whose fault
,	- Connat langer C	allero of a	sed, or something
L	done To Kild this	6mg - 1	
	•	THOMAS A. E.	DISON, General Manager.
	Referred to Mr.	for exp	Dangtion. 2 Woyn 1/4/as
	These collers		The state of the s
	11.	colley and	findly from
1		requestly &	hear off after.
	subjected to consider	111	here they are
	Surgress to emisiate	skeble vetration	n, /
	Sualn	- Spundy 11	4-81
(2	J'oon	e	Hell 10-29-03
	New Village, N. J., 10-29	1903	4
	OCT 28 1903	· Thes	Cary
	- 1002		for the

for con	the Come the will me the Role in	en die Mgs in w	eling ace whomas	conce out) drilling	horto. 2 Tirre Large	tangur d li
get los lupt			TU M 17			
						e.
				Nature of Trouble	Departme	TROUBLE INQUIRY.
			- Company of the Comp			·
		es i e				
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TROUBLE INQUIRY. Edison Portland Cement Company.

			Orange, N. J.,-	Oct. 27,1903.
Mr	H.S.Mou	lton,	Manager.	
	On	Log	Report of	Oct. 21,
Item	4-18		Department	Describer Direct W. O.
	down on a	ecount of	hot motor, changing me	
	What	is cause	of hot motor and chang	ging same?
	ehat a an it	. 1	going to do we	th theo highban
Referred	to Mr	Sto		DISON, General Manager.
1 2	here -	vas hu	sh bar in com	mutator which
cano	el spa	vien.	and heating	. ao commutat
cont	el real	he al	rought down ?	ford surface
(La	e to c	hause	motors. A	
			11. 11	
			11119	
	-			
			100	
	age, N. J.,.		21/03 1903	

Number 80

TROUBLE INQUIRY.

NVV - 9 .003

		Orange, N. J.	,	ot. 27,1903.	
Мг Н.	S. Moulton,	Manager.			
(OnLog	Report	of0c1	20,	
	2-45 a for hot bearing	Departmen			·
1	What is cause of	hot pinion bes	ring Conve	ror 106?	_
		THOMAS	oing,	General Manag	ger.
Referred to A	Ir Lewis	e whiles	or explanatio	n. 2 luoye	2-1/4/0
	of will-	is stains		r .	_
	il had &				W.
proper	horin faile ly llebries	er this &	ching,	lough to	<u>-</u> <u>1</u> -
	thely becar			o telore	_
if		1 0		0	_
I did a	of get any o	how that one	: bearing	nor dues	
New Village,	N. J., Oct 29	how that our	3 9 4	L'Essen	nunger oct.
T 28 1993	when		~~~	0000	<u>.</u>
3 - 1963					

کی م) Niade o	v. muta	ke one	This wedger	sips.	toris :	sut,
I die	tock . t	n mutan hu bearing nd no t	zouble	since	i su	y sur	y h-
have i	made au	mistake					
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	11-6-03						
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Number 81 - 2 992

TROUBLE INQUIRY.

		(range, N. J.,-	Oct	27,1903	
Mr	H.S.Moulton		Manager.		•	
	On	Log	Report o	Oct.	20th,	
Item	7-40 A.M.		_Department_		er Plant	
Shut	down on accoun	t of third	Intermediate	shaft bes	ring hot.	
-	Why did 3	rd Intermed:	ate_shaft_be	ering get	hot? Pro	bably
-explo	ined-by-what-o	courred next	day a Whos	e fault?		
- 14.	- 0		$\forall u$	_		
2 Mo	son- fleas	e Explan	gy allo.	- '		
-	1	- ' A	14	,		
) '	A ZAMOPPT	. EDISON,	General M.	anager.
Referred	to Mr.	Cary -	for	explanatio	on.	
	Write	- das	nut ele	arles c	resider:	157720
- aufi	at is refe	1110 18	but 7	Makes	forole	aplet
1 410	Janua De		uno lo c		& heale	<u>d0</u>
1	10- 07		760.64.	Collection .		
12	- cannot for					
1 175	sumo that	the beautie	1 was le	allung	Some	,
len	orbul aga	our Team	t clens	a who	it had	Ci.
n l Ann			- / -	10-28-0	3	-
New Vill	age, N. J., 10	28	190_3	3		,
UT 28 1903				leonen	o lea	4-
- ~ O 4943						. /

Jam make to find out just who is is exponented or what the trans was of sums out the statumed on Rosethe loggeneral parties, which I show partiely which I show had a binny partiel
illed him would had been linking. I reget at first chart as a bearing that Cang Changed 4 forgother to Matter by oil man but
rustatus. lepfell, 11-4-as
restatory. Note that the state of Trouble leafell.

(a) −9 903 ^{(y)(y)} −9 _(y')
Number 82

TROUBLE INQUIRY.

	Orange, N. J., Oct. 27,1903.
	Mr. H. S. Moulton, Manager.
	On Log Report of Oct. 20th,
	Item 3-10 A.M. Department Roaster Plant
	Shut down on account of putting on new brushes Roaster motor.
	11.10
١	Why are we having so much tribule with Motors driving
	- kilns? What's the amperage?
	Is Crocus paper used by Barryes mont was Crocu
2	caper used on this inclose I do all motor Commenters al
	Vor only those not cleaned by Coocus paper - is the
	glang general THOMAS A. EDISON, General Manager.
	Pin Jale
	Referred to Mr. Good fully of for explanation & Banus
	This is motor which was taken out next
	day. As we have trouble with the carbon
	boundes glazing over and forming a Land
١	perfore the find we can stop sparking
1	by putting on new set of soft cartin. Illi
	was done a this case.
	The amperage of this motor varies
	full book.
١	DH-)
J	New Village, N. J., /0/29 190-3
	within the
1	28 1903

god Reply

You rocus paper is used by motor Inspection.

Chailly as as after, as found messanty yes both

Crown a Lorded papers encos used and this Broth.

You the glasing of pounts of Contact ands are

general this, is the same of specificity to come

cetter we also find some of the Commister goay,

own and mould be please to have them

all do so as we find them is the motor

that line withour troube.

Nov408 when

001 331 305 1 NOV - 9 or

Number 84

W E

TROUBLE INQUIRY.

		Orange, N. J.,-	Oct. 28,1903.	
	Mr. H. S. Moulton,	Manager.		
	OnLog	Report of	Oct. 24th,	
			aster Plant	
	Shut down on account of thrus	t flange on cooler	broke.	
	What caused thrust	flange on cooler t	to break? Can it	
	be fixed so this will not occ	ur again?		
_	Mason When you people	se flyanace l	letter latin	
	Know- I want to keep	Flat for	echanges	
	A	110	2000	
		THOMAS A. EDI	ISON, General Manager.	
	Referred to Mr	for expla	anation.	
		7	en we Expansion	
		the WI shil	A	
		n Shell Core		
	I we set the uptique			
	and on the other color	an our or live	of the bolts	
		2	Statety another	
	in 3 Sections Soca	volu will u		
	monel to remend new			
	New Village, N. J., 16 -	209 1903.		
r_	- pur)	lo	Au.	

lohn such c henofler			und ym	puls	
	11-4-03	- 1		• . •	
:			Natur	Part	
			e of Th		
			rouble		
*			l i'	1	

Miller

TROUBLE INQUIRY.

Orange, N. J., Oct. 28,1903.
Mr. H. S. Moulton, Manager.
On Log Report of Oct. 24th,
Item Department Roaster No. 2.
Not running, on account of repairing retaining ring for nose brick
- on front end.
Was breaking of holder of nose brick-due to expansion?
- If so, nothing will prevent it in my opinion except a provision
for expansion. Warren says you are going to use heavier bolts.
THOMAS A. EDISON, General Manager.
Referred to Mrfor explanation.
Do not they it was caused by sex banson
Do not they (it was could be su parson but by the let better becoming very better of
Do not they it was caused by sex banson
Le not third it was coursel by se parson but by the bit butto becoming very butto of breaking from the stigue channel by theget
Ro not think it was cound by su parson but by the WI butto becoming very bretter of branching from the Stram chand by shight sugarity brush of bursh the through to put back the many while the sugarity was in allusphing to put back the many which was 1 x2 x3 anythe of brothe by
As not thull it was council by see parson but by the bet but to be sure of the but to be sure of the s
As not thull it was could by in parson but by the byt butts become young butte of breaking from the strains channel by shout swowed to brush. The name it bout so long to repair it was in alleighting to fret back the range which was it 22 x 3 angle it broth by the parties of bearing with the parties for the but of the
As not thull it was council by see parson but by the bet but to be sure of the but to be sure of the s

NOV 14 909mber 86

TROUBLE INQUIRY.

			Orange, N.	J.,	Oct. 28	th,1903.	
Mr	H. S. Moul	Lton,	Manager				
	On	Log	Reг	ort of	Oct. B	1816, 25th	1
Item.				ent Ch			_
Sh	ut down, rep	sairing b	rush holders on	motor of	Con. 111.		
١	What	was rep	sired on brush h	olders of	motor on	Con. 111	?
J U	Shat has	Mila	odwille to	say re	yadu D	ng the	
			THOM	AS A. EDI	50N, Gene	ral Manag	er.
Refer	red to Mr	B	inco - i	for expla	nation. Z	-Grode	11/4/63 vellu-
	brush M	1	, ,	charined.	yoki		- ,
'	tigfilen s	up las	ne this Ihr	uld no	+ trake	muse	
_	Dept.	,	. Mount			Electrica	<u> </u>
	Jug is	Otys	were loo		usins		to to
tilt o	n edge	and ses	bark. ast	in stu		e tigh	
huch	Lolders	Lad to	be reset a	ich, ga	uge w	hil	taxe
New '	Village, N. J.,		o mine tim	90 3	duiply	typite	my stul.
ov 3 _ 19	us light	u.		wy Oar	mo	•	_
7 Z9 150	15			6	sver	`	

4			
we have discound, by I	esting in	the lasorati	my that
He Julian washers on bush	racein you	my summy	from reat
it is anot mense much but	enough to	toonen shed	ace of runs
handle level inches in lotter of the	cen causes	arean a	, , , , , , , , , , , , , , , , , , ,
The water tenders are tightener and they remain light after	1 anny 5	in up ouce o	- lucia,
1 . , , , , , , , , , , , , , , , ,	. 4	11-12-	÷
A STATE OF THE STA		11-12-	43
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1		10000	5 54
and the second second	100		1 .
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		e of	TRC
	1. 1.1	Trou	₩
		Part	TROUBLE
and the second			INQUIRY.
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			Ŧ.
			ent

TROUBLE INQUIRY. NOV 26

				Orange, N. J.,-	Oct. 28th,1903.	_
	MrB	. S. Moult	on,	Manager.		
		On	Log	Report of	Oct. 25th,	_
	Item	2-40		Department	Crusher Plant.	
			iring motor	on conveyor 103.	Putting new brushes	_
	on-mo	tor.				
		Why w	as motor o	n 103 repaired in	ill time? Why was it	_
	no cos	sary-to-re	new-brushes	? If necessary, wh	y_was-it-done-in-Mill	
- 1	time,	when ther	e was two h	ours wait in the for	ning for ore? This	-
	does	not look r	ight; pleas	e investigate	*	
				man on sach	rocus clothe	
5				THOMAS A. E	DISON, General Manage	er.
	WE A	المن وعدد	10			- n/H
	Referred	to Mr.	Dar	for ex	planation. Z — Bann 3 - Bann	
	? ^	recaus	ist ru	quired emidial		_
	_M	find	a leta	. /. /.	n and Reaveny	-1
	- NA	Mino	the child	sin duly	cure for lag	- P
1	le	canse	IF Mo	d to do	u stance	- 13
	ar	let 1	tu Pap	to go the	he bad again	200
	_1/	mag	pyt	posible for	Inspech to	- 16
	_1/sh	ou th	1 mo	W- Sparked	mitall after	- (3)
		arty	On to	ind duning	tome tiles	12/
121	New Vill	ada ali A	act 30	1903	Mr route	13
	. 12/	S. Maria		190.0	Mann	7
NOV 12		Moitor	7.			
	h 10.00			e e	Alson	

3	It were do no harm to try the	
	Expansion 2	
3	O.K mill try some Expenses in the line	
	wing strike and combing areas with conver as	
	3 d Reply nov 13 H 03	
	Nature Nature	
	of Ti	
	route BL	
	QUI	
	artm 2.	
	eart	
2-	not an every visit but after enough	
	we did not the 1 to me good huming wondther	
	the Kup Contraction in good Themen Goodhie me did pot think of mor nessay of any think the done to if you think have at done to if you	
	//	
	and Received your Barnes	
	and Reply Non4tho 8	
	within houly to 8	
	A TIPN	

NOV 4.2 1903 NOV - 2 903

TROUBLE INQUIRY.

				Orange,	N. J.,	Oct. 28th,190	03.
	Mr	H. S. Mot	ulton,	Mana	ger.		
		On	Inspecto	rsI	Report of	Oct. 24th,	
	Item	2203		Depar	rtment	4	
	011_1	eaks_out_of	joint of	thrust car	on motor	driving lot. 3	36"
	- Clink	er Crusher	rolls. No	yer, see 1	f you can	1.	
		Did Be	rnes! man	report thi	s tAInsp	otor, of did a	16
- 1,	- miss	1t and less	re it to be	found by	General-I	hapa of or s	
	Men	iar- Th	us were	report	200	o good	east
1400	John	lout	not fe	مي م	fixed	regut -	
ida .	100		Ü	тно		DISON General	
	Referred	to Mr.	Bone	~ O.	for exp	olanation. Morje	1/4/03
			A	· · · · ·	- A - C - Z		· · · · ·
	-	Motus	Dept M	d not	Suport	to more	wa
	Of	1100	010 2	LH.	my /	Color Mon	nail/
		M X		20112	·	· mo	7
	On a	2424 11	Refollow	ng rivers a	ru impiu	der look . O	Oil Ceck
(7)	morter o	and of the	rent cap		rurning of	25 thanker 6	hised and
(4)	has not	Pecked an	y dife	a slight	2 look at		agail well
•	New Vill			un moju	_1908	KABan	10
NOV 3	- 14115	MACIL.		200 2702	100		3. Je.:
	1303						

[ATTACHMENT]

Mones Joyne Loods
this up & apport munt
condition
letten.

[ATTACHMENT]

My could day may # 12 Day water item # 2200
I be first look are this pro-ductor blear I all in
- thingt cape which area office without head in liter and
and alyewing the sol leads was in hard faint of throat
cape which was rescued uptighter any stopped, The
3rdiles baros in lead worker our bottom plug
audich mas excused up tight and leabed stepold
This Sant leads was staped on 144/03. Noter driving
Ele #127 does leak ant of avoid foashing chember of
commitator bearing this is due to shinkage of fiber
washingishaft which acts as an ail shinger and
can be stoped by shitting down motor from four
to twenty minutes.
The state of the s
11/6/03 M. S. Jagar.
2.660
101703 ·
11/6/08 M. 8. Jayn.

Owner of his

	0.003	NO -13 aga
N.Y	-9 903	93
	Number	

TROUBLE INQUIRY.

	Mr	H. S. Mou	lton,	Orange, N		Oct. 28th,1903.
		On	Inspecto		port of	Oct. 24th,
	Item One		one flight	Departi		28. Cary.
		Could	the men in	charge have	found th	nis?
	Yo	igns-1	exafte	fund .	felic	read in Chai
103	K	ported t	f cha (hungs i	but de	our dem a say
for		Clare very	nagging	THOM	Le fo	ISON, General Manager.
	Referre	d to Mr.	1 new	Them 1	for expl	anation. Joyn sign
		men we	mut Al	- alu	In In	have Stop
		Come	7.34	ing of	t die	nspecter The
		· · · · · · · · · · · · · · · · · · ·	10	1		
	New Vil	llage, N. J.,_	10,	/3/	190_3 /	nam .
4-	- 1903	when.	20.	m, a, fou		MoRader

W.E

TROUBLE INQUIRY.

			Orange, N. J.,-	Oct. 28th,1903.
Mr	H.S.1	Toulton,	Manager.	
	On	Inspectors	Report of	Oct. 24th,
Item	2209		Department	
Should	there r	ot be guards	over bevel gears dr	iving Cooler No. 19
Yes.	Cary.			•
				the Inspector. He
-han-tk	e-broine	, let him exe	reize them.	
7 100	Tree a	t Cerat the	chard of K	comma hand 18
2001	1.00.1	60 000	N(1-1)	event- from that
0 4	1-11	100	Laureal force	
dele	Cu t	FO Pay	with sporker to as of	DISON, General Manager.
tom	54 Lo	38-209	, I I I I I I I I I I I I I I I I I I I	Diport, deneral manager.
V Referred	4- 35-		11.41	141
<ererrea< td=""><td>to Mr.</td><td></td><td>lor ex</td><td>olanation.</td></ererrea<>	to Mr.		lor ex	olanation.
,	The	s had b	uff Spale	uf More than
ore	a	but the	is a line	H to Ulm
an	eron	it of w	ont that c	are be done
Gu	y a	certain	muchen of	mun sin a
gr	hum	time	1	
				A STATE OF THE STA
820	w stat	Repar um we	in getting low as	edwas latting Slips
10 in	man	't with right	t class of men	but they were discharge
	Lovery	faster Than	I could Supply	
bill	a jul	1 mon		
	ige, N. J.	1 1.	29 1903	-1.
with		•	le	Hellesin
11-6	-03			

	116	•
L	KUP.	1
N/V	" . W	
V	6 W.	
	M.	F

TROUBLE INQUIRY.

			1
		Orange, N. J.,-	Oct. 28th,1903.
Mr	H.S.Moulton,	Manager.	
	On Inspectors	Report of	Oct. 24th,
Item	2212	Department	
Shou	.ld there not be guard		
		(11)	
	Why didn't Rade	r suggest this befor	e the Inspector? H
has	the brains, let him/e	percise then.	
V	11 11 1	1 1 0	(0 10 .0
	fund they refer	to fork	book (de
4	on beat the in	popular Tucco	Cary good o
	Roder-	. 4	DISON, General Manage
V	lader-	THOMAS IN LA	PIDOTTI GENERAL MANAGE
Referred	to Mr	for exp	lanation. Rach
-	0.11		4
· ·	"Orduref O	lecaus the	of accorden
1/	as been used	uf for the	o work
Lu	ugon lun	· Caren to	<u> </u>
		Contract of the Contract of th	
-			
	400		
New VII	llage, N. J., / 0	-2 8 19DJ	_
		los	fleasin
C 4.			

NOV -4 1903 Number 101.

TROUBLE INQUIRY.

	H. S. M		Manag	er.		
	On	Log	R	eport of	Oct. 26th,	
tem	9-59		Depart	tment	Crusher Plant	ler .
Larg	e rock stu	ck in hopp	er at giants.	Remove	d by rolling s	maller
rock	es in.			1		
				11/	· · · · · · · · · · · · · · · · · · ·	
	Why	does Dan S	mith allow h	sange	man to land r	ocks
				11	ak hopper at G	
If t	hey are lo	ng he can	pull thum in	so they	vill rall righ	t way.
At E	dison when	we got a	long chunk ir	ship s	it was liable	to get
acro	ss hopper,	shovel man	wits trained	and he c	hained it on t	he skip
and	swung it a	round righ	t before it v			•
			THO	MAS 4. E	DISON, General	Manager.
			,			
Pafarra	d to Mr	Day.	,	1/00 for on	nlanation	
Referre	d to Mr	Dan.	,	you for ex	planation.	
Referre	d to Mr	Dan.	,	los for ex	planation.	- Å
			,	Vav for ex	planation.	
	d to Mr.		,	oad	planation.	Car
			,	oad	planation.	Car
			,	oad	planation. These	Car
			to L	has	these been h	car
ny	din		to L	oad has	these been le	Car
ny			to L	has	these been have	Car vacles
ny	din		to L	has	these been le	Car vacles
ny	din		to L	has for ex	these been le	Car vacle
ny	din		to L	la for exposed has	these been le	car vacles
ny	din		to L	to for exposed that	these been le	Car vacles
ny isay io	din	f a by	to L	oad has	these been le	car vadei nat

Grandy of the

NOV -5 1903

Mr. 106 2

TROUBLE INQUIRY.

Edison Portland Cement Company.

		Orange, N. J.,-	Oct. 29th,1903.
Mr. H.	S. Moulton,	Manager.	
	On Log	Report of	Oct. 26th,
Item	7- A.H.	Department	Chalk Plant.
_ Taking	up belt on g	rinder and fixing lightin	g wires and Oil pipes.
caused	by broken be	1t.	
	Why did i	t take over five hours to	fix belt on Chalk
-rolls?			//
	Ing 105	likely to have	Et this again
		0-1- 00.	11/1- (
	respe	et 10 10 to 10	guera,
	. (THOMASIA.	DISON, General Manager.
Referred to	Mr.	elling / 1/2 for ex	planation.
-		0/	
The	time on		Dreim (ace times
1 The	damage		the morning as
the be	it had be	en untangled land	partly put on wo
west	anded wo	. was functed as	id reddy to much
The.	Ol Dil	1	us lutti lumi
00		- Phytics	wood evening
	00-0-1	When	
1 w 9	Do not bh	All it will occur again	as we are many
mais	n out prope	up atom. curtur-11-3	1-03
New Village	, N. J.,	Oct 31 1903	as dies
		\mathcal{C}	Frelling
			,

NOV 3 - 19 OCT 30 1903

NOV - 5 1903

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TROUBLE INQUIRY.

· · · · · · · · · · · · · · · · · · ·
Orange, N. J., Oct. 29th, 1903.
Mr. H.S. Moulton, Manager.
On Inspectors Report of Oct. 26th,
Item. 2236 Department
One bult loose in small gear case of Conveyor 111. Cary.
Did the ma n on duty report this to Inspector or did
Inspector find it himself?
1.0
The should have fortand it.
THOMAS A. EDISON, General Manager.
Referred to Mr. Thomas Julyne for explanation.
It Should have been forward by Pugnes man
in top floor of blown form of magnes susan
//-5- 6 \$
THE PERSON OF TH
New Village, N. J., 10 3 190 3
Midelania.
luffly.



TROUBLE INQUIRY. Edison Portland Cement Company.

			Orange, N. J.,	Oct. 29t	h,1903.
	H. S. Mou	lton.			
Mr			Manager.		
	On	Inspect or	Report of	Oct. 26t	h,
Item	2217	il rysu.	Department		
	gear case o		iving lst. 36" Cl		Rolls.
			dry.		
LB_WH	rm, evidenti	y, gears are	ary.		_
	744	4			
	. Did men	in charge re	port this to For	emany ii not	, wny
not?					
				-1/2	
			4 -	VIA	
			/1.9	1 0/	
			200	V /	

			THOMAS A. E	DISON, Genera	l Manager.
		10 1	10/201	-	
Referre	1 to Mr	/ a com	- 10/3/23 for ex	planation.	
	1,	0			
	yes 1	u sefr	orted to	me	and
	19 la	roked	in Cas	e. O.	il die
	not I	verch	gears	I vil	cd
	Gear	, 4	rad so	ne 1	vil
	hast	7	2112	222 0001	dan
	1000		1,00	7	NCC 9
	pronc	<u>-,</u>			
New Vi	llage, N. J.,	//-	190 3	One	
. 1017 - 11			/	11.1Ka	der
	paskel.			.,.,,	· · · · · · · · · · · · · · · · · · ·

Crown affre

Number_ .118

TROUBLE INQUIRY.

		Orange, N. J., Oct. 29th, 1903.
Mr	H.S.Moulton,	Manager.
	On Chemist's	Report of
Item	No. 19,	Department
_	Cement has gone to	85.8, think it should not go lower.
Is	O'Brien given these tests	daily?
		./G
		de la companya della companya della companya de la companya della
	1111	A
		THOMAS A. EDISON, General Manager.
:	1	I HOMAS A. EDISON, General Manager.
Refe	rred to Mr.	for explanation.
		o the curent at 90 but
		Talles a drop willout any
_		in the chiller.
	1 Burn of	6 reports Q lists per
	day, and prod	6 reports of lists per
	cloney	
	J	
New	Village, N. J., 10-	29 190 3 WH Maris

Number 125

Owner Hora

TROUBLE INQUIRY.

	Orange, N. J.,-	Oct. 29th,1903.
Mr. H.S.Moulton,	Manager.	
OnLog	Report of	Oct. 27th,
Item 12-50 Nut down on account of fitt	Department ing plates on ros	Roaster Plant / ster shell flange.
What is the meanin		es on Rosster shell
2) Let me Know	Jalurda bow (be	Jene working
	THOMAS A. E	DISON, General Manager.
Referred to Mr.	for ex	planation.
thin Plates. sep the Hanges upon the Shill of solut these tooker lood of natural to built but thing matter my much New Village, N. J., //-2	John putor John Shell also new of Le Paren the bourt plotes sum 1903	they not in the profession with and an luguring to talk the profession with the profes

NOV -5 1903

Drange of his

Number 126

TROUBLE INQUIRY.

			Orange, N. J.,-	Oct. 29th, 1903
Mr	H.S.Moul	ton,	Manager.	
	On_	Log	Report of	Oct. 27th,
Item	2-22		Department	Clinker Grusher
	down on acc	ount of cl	earing and testing (Con. 125 motor.
	Why wa	s it neces	sary to clean motor	on 125 conveyor?
. Do no	t the gun	chambers	work? Is there mu	uch dirt? Don't
-under	stand this.		7	and the same of th
			11/4	
			THOMAS A.	DISON, General Manager.
Referred	to Mr	Bar	11 3 03 for ex	planation.
an	the s	Shut a	town man to	
as	ly 10 a	mpres,		to Idem 2223
_00	29.0	and the	2, yes My	dast in
ai	Thes ra	the same	Men the Chan	dus is in a
_a	ry dus	/ // .	with the oir	and in beating and
- the	gumes	, ,	tis dust is a	raun into the
	lage, N.J.,_	Iron 3	0/ 190	16 aus
_	evolue.		- VVA	THAMI

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□	5
	2

Coparation due to section of fair we are coparation, with autica and land find it a great Trypomt when we can draw I from a cool place

Grounds as a

TROUBLE INQUIRY.

			Orange, N. J.,-	Oct. 29th, 1903.
Mr	H.S.Moul	ton,	Manager.	
	On	Log	Report of	Oct. 27th,
Item	3-0	5 A.M.	Department	Clinker Crusher.
Shut	down on a	ecount of p	utting new brushes or	n_motor_of_lower_set
-erus	her rolls.			1
	Why v	as it nece	saary to put new brug	shes on Motor of lower?
	, if it was	known the	had to be changed,	why couldn't it have
been	done durin	ng the 80 m	inutes lost at noon?	Please give full
repo	rt on this.		n.	
,			1 10	
			W THOMAS A. E	DISON, General Manager.
Referre	d to Mr	Bann	7 11/5/03 for exp	planation.
	burans	ald	brushes Strarke	d boally
1	Fina	uld he	A be nowile	1. to lunger
7	tu nuo	1 as 7	his about do	in thirteen hour
la	elies à	2 Other	run as the	is moto while
eps	asking (20me M	as in no	way changeros
one	Mu	must.	have been a	othe rause in
The	Mush	1. 1	nelle N-gp.	bad probely
mi	ge aliy	ns mo	both he	men usid to
New Vi	llage, N. J.,	4	3 0/ 190	and and
	Au.		affe	Pasque

TROUBLE INQUIRY.

Department

Part

Part

mosely have impressed and men with the fast that this areasy whange smust be made in much that time take ober

Drowd office

NOV - 6 .903

128

TROUBLE INQUIRY.

_			Oct. 29th,1903.
Ir	H.S.Moulton,	Manager.	
	/ OnLog	Report of	Oct. 27th,
		Department drive, of No. 1. grinder	Clinker Fine Grinder. Waiting for belt man
to:	fix belts.		
	What does Mr	. Mason propose doing i	n re pulling apart
of	drive belts so ofte	en? Is the larger wire	in use, or has belt
_ hool	ks been used yet?		7
n.	1	1,6	
1	ease repor	7/11/7/	
4	- 1	-/11/	
		THOMAS A FE	ICON C
		7 - HOMAS A. EL	ISON, General Manager.
eferre	i to Mr.	for expl	anation.
0	1 D 0	ange win but	- 0 1
Lu	- hover t	ange were but	- founds
100	though no	9 so fay as	other were,
ll	u au pull	my bell hoose	o ou now
au	of they for	vode Salesfac	tropy well
u	ne Herry 2	Every When,	on keavy bus
			/
		11-4 .>3	
ew VII	lage, N. J.,	1900	21
		- Zen,	Maron

NOV -6 1903

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TROUBLE INQUIRY.

Mr	H. S. Moul	ton,	Manager.	
	On	Inspectors	Report of Oct. 27th,	
Item	2245	/	Department	
Elb	ow on oil d	rain pipe wear	r centre of roaster No. 2, left si	đе
		h cheesechoth		
	2=-08	1/1		
	NO.	found this?	Man in charge or the General Inspe	nt.
	Who	Tound this	and in charge of the denotal ample	
-11.	- Sugaran	1011	1 14-15	-
- M	oullon.	- The refo	foling to find a moun	_
100	ha our	A che /	1 10 1	
Clo	CO COL	110		
		110	THOMAS A. EDISON, General Ma	na
		D O	113/43	-
Referred	i to Mr	1 acce	for explanation.	
	12 Ma-	2014/20 = 201	Charge & general Omspe	ē
	10000	in Ch	are separted to	-
	at on	e time	- I oneplected he	1
	it of	one (or	fixed just Then	0
		y for c	of about it alltoger	12
	' () ' "		
-0/	1. 01		the George Washington Spine	1
940		o. admirus	The Storge Weisnington Spires	1
trus	Gulness.			_
	· .			
New Vi	llage, N. J.,_		7 1903 mes.	

NOV 25. 1903

NOV 11 190

134

TROUBLE INQUIRY.

		Orange, N. J.,	Oct. 29th,1903.
Mr	H.S.Moulton,	Manager.	
	OnInspectors	Report of	Oct. 27th,
Item.	2247	Department	
Thre	e flight clamps have a	inned on on 128	. Cary.
	Who found this?	Man An charge or	General Inspector?
	VIIO IOUNG CHIBY	1/1	denoted inspector .
()1	1	1	
	Meson Should u	at the has	E GEEN reported
Υ,	so asto be on	regard & The	a given out to
	Repair dept 4 mg	A direct	
	MITTE		Eden
	()()()	THOMAS A.	EDISON, General Manager.
Referre	d to Mr. Rac	en 11 8 03 for e	xplanation.
	man in	Thus es -	- sepasted
	This to For	eman	who .
	reported to	sepair	Foreman to
	Fix This The	- First	Stop mon
N	made,		that would
9	to not thus it muss	any to how even	s small street light thes
P	it on the worll book	. (
	201	16-63	
New V	Illage, N. J.,//_	190 3	mass.
1908	worker		(110/dades
3 1903	-10-03		
01			

3- How could we ever improve author of we didn't have every little transles vicewided - These things are involvable -

the pice of within up a Defent this will give us a very complete

TROUBLE INQUIRY.

NOV 14 1903 NOV - 6 1903

lumber 138

TROUBLE INQUIRY.

	TT (0 2524		Orange,	N. J.,	. 29th,190	
Mr	H.S.Moult		Mana	ger.		
	OnIns	pectors	way.	Report of	Oct. 27th	
	2251	pectors		keport of		
Item		1	Dena	rtment		
Sever	al idler be	erings dry	on con.	Hoyer.		7
					A 11	1/1
	. Dia Pi	Iling's ma	n rand and	report this?	<110	7
My.	· m				V	
17/13	· Magico-	0. 5	Leen C	1. C. D.	lling ou	1. from
	vector:	- Dow	-gan	nence ye	green ou	Pint
1	- 1	581	1			
	s heere	cenali	icr ma	w who	Card of	>
					. 0(
0	viound	cend	maped	tofor he	en - Jan	1 Dec 2
				1		
c ⁷	tenee	o fracch	-THO	omas A. Edis	oun, General	Manager.
		- V - 9	1	Jales		
Referre	to Mr	Pil	lug,	for explai	nation.	
4)	hou I a	ni mak	ection a	Convers	or. The	inst
11.	· 9 for	h lone in		mmit &		171. 608
	9 0 1001	10				in our
un.	7	,	ubbrung o		the gain	
	ing as m	1 //			itim of t	
thefr	el runs	ng of the	idlers e	te. It.	Third a	tuck edle
Y det	ter relier	le same	· or ne	port to the	oil ma	il dres
W the	1. atimes	and little	2006	out to the	repair o	lest.
18	have one		2 1/2	helper.	/	les anot
			and a			
expe	CT Them	to insp		thing . if		
Le_	an exc	use for	y marly	delays o	u the w	ork added
New VII	liage, N. J.,_			190 ′	1	(over
/	aches.		r			
I.	UTTU					
1000//	4-0-					

to them. of course they are expected to secont any thing of the kind that they see but I do neglest expect them to hunt for these things to the neglest of our own work.

This answer is for 138-139-140,

Nov 4-1903 A F. Pelling.

2 - If Sums to sue that the
council of should be pritty touch
council by the full name But was
rught out mon - Cuill forman
4 Samal suspector, If then
went alway to their work the
Should be no nason for adding
another beau.
If you want an additional
man added to but deportunt

TROUBLE INQUIRY. Edison Portland Cement Company.

	Orange, N. J., — 5001 2501, 15001
Mr. H.S.Moulton,	Manager.
On	Report of
ltem	Department
Would like to	o know about the 12 men in Motor department,
	f there is included in this number any
-Carpenters?	, A S
rois Gamens. Is this a	, tona feed Trouble Inquiry ? Ochem!
lener nifer to Mir. Colerer	I little of the 27th of Ortober and my pebler ord, 1993 in a this malle - Tomalities "1.
areto, filetis Hamentas 22	
	THOMAS A. EDISON, General Manage
Referred to Mr.	for explanation.
Critician	Ok- should have gone
as letter	uf inquin
New Village, N. J.,	190

Orange of Rice

VOV	-5	1903	Number	145	

TROUBLE INQUIRY.

	Orange, N. J., October 31,1903,
Mr. H. S. Moulton	Manager.
On	Report of
Item	Department
	ondensing water should not be ejected at
a higher temperature than	an average of ninety degrees, especially as we
have to go to the expense	of pumping the water up a considerable height,
I have always understood t	hat 120 degrees was about right, but I may
be mistaken in this.	7114
)	THOMAS A. EDISON, General Manager.
Referred to Mr. / Auf	war 1/2/02 for explanation.
The Securit	2 are commis with
Line Lunge	The received pressure
1 6 1 7	E 3 flo which is
The realization	1. To first water To
distro deper	. Differe sugaries will
- zere withe	will to much history
2 dinate	of heart is bleve
Jane France it	
	асыни.
	is norm
for improvement tues at 17	ten localo. 11-5-03

Nur - 5 '903 Nur

Number 158

TROUBLE INQUIRY.

NOV 16 1

	Or	ange, N. J.,-0	ctober 31st,1903.
Mr. H. S. Mou	lton /	Manager.	
On	Inspector's	Report of	October 28th,1903
Item2267		Department	
One bolt lo	ose in rear interm	ediate thrust	hearing of Clinker
rinder No. 1.	Cary, tighten it:	what is the m	atter with lock?
oid O'Brien Tind	this out or was i	t the General	Tuebecrota
AR.	charled teac	0 1 1	4-4-7
O when	Dinie Neve		
		THOMAS A. E	DISON, General Manager.
		1 11 10	
Referred to Mr	Donne.	11 260 (11	planation. 20 Bum
Keletred to him		1 100	
il Wan	The inspector	That For	whit-
	/		
			of tired do
			are Beyound
	wood Men a		no Early light
in My E	and of The	Plant	0:0
New Village, N. J.	That 3	190 🦳	d.1.
exple	LivHur -	de	Lucie
2001	IDHUL		

Grand office

0V 12	3.0		
101 25.0	Number	159	_

TROUBLE INQUIRY.

			Orange, N	i. J.,	October 31st,1903.
Mr	H. S. Mou	Lton	Manager	r.	
	On	Los			October 28th.1903.
				•	
tem		Fine Grinder	Departs	nent	
		- Commence of the Comment of the Com			m switch handle the
rong v	way, made	short_circuit			1.3
Can!1	t_it_he_ar	ranged so swi	tch/tender_	can't tu	rn handle the wrong way
			Ul		
			1/1		
			ν_L		
		٧,	THOM	IAS A. F	DISON, General Manager.
			i i i on	1 .	Disort, General manager.
		Q 0 -1	wann.	1136	
Referre	d to Mr	-0004. A	wanus	for ex	planation.
		/	L. + ma		2
_ n	0. 2	1000		y me	- r it was emprou
6	o from	full of	. ,		deced and ru
n	silon	speed w	ethout o	-	try down.
nm	r plan	t can be	nui n	color	s speed and al
shu	t'dom	a withou	+ blom	ing for	ues.
a	u trou	ale of la	te Las	herry c	auxed by green
swi	telboa	of man	but the	, are	learning to
1	11. 010	itelboard	and &	Lorit a	enticipat. firethe
hau		1			. ,
tron	Me	,			
	ille	"/			
		"/		ج _{ـ190}	ave -
	ille	"/			RN Gas Tinelli

money of the

NOV -5 1903 Number 3.60

TROUBLE INQUIRY.

	Orange, N. J., Octo	her 31st,1903.
Mr. H. S. Moulton	Manager.	
OnLog	Report of	October 28th, 1903.
Item Clinker Fine Grinder	Department	
2.12 Shut down- Elevator No.	131 blew fuse. 4	The second secon
Why did olevator 3 that 208	J DUI	for #3
2- Cannot switch) so it caul
be would the fu	THOMAS A. ED	ISON, General Manager.
Referred to Mr. 1. 13	- 11/3/62 for expla	anation. Gord + worm
1 Santela Board le	inder turned	Danna Sintel
Handle the Waring !		
short Cincent Bo		
We Did not Fine		
fullopud to slow spend a		
y now plant can be run at		
blowing fuses, all to		
switchfound man best the		
10 rest anticipate fun	her trouble	Goodville 1 Warmen
New Village, N. J., Tan	190	De'.
V 20 1903 COALL		Luni
1 2 1903		•

nets.	
3. Most of the transles in the thrus.	
starting up cepparatus wortherhas	
to all the all the all to all to all the all t	
to green seulah 60 and man - are they	
Ever do get scarcing or with trendice	
dusta changing mond Nature of	
I This man towarding Trouble	
grinden is not agreen	
Moran Itan The forest blow it was coursed by	
Newstern transland tothere	
almosty souther purities	
dock the shifted distally gam.	
loften - 3. Par	
THOS proved 103	

NOV -5 1903 Number 162

TROUBLE INQUIRY.

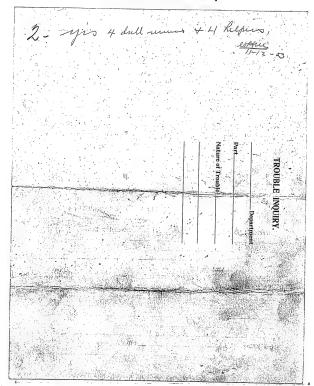
Orange, N. J., Uctoner Sist, 1913.
Mr. H. S. Moulton Manager.
On Log Report of October 28th, 1903.
ItemDepartment
<u> </u>
Would you not grind as much cement in A hours with five or ten pounds
aass pressure on rope, as you do now with helt and shear pin delays?
A U
THOMAS A PRICE OF
THOMAS A. EDISON, General Manager.
Referred to Mr. Office 11 8 of for explanation.
is have tried it The Paramer Does not been
to Change it is think that it is the Plates
Hold on the Load The Jold Plater Was Move of
a Rolling grint The Plater is Have on how
are Wound The They have 96 Pounds Pressure on them
they are Worse Man almy like the Old owner if I do not keep the Pressure up a have to them
Blowles Down to get Persontage as Platis are
Worse and i Would not Be getting ant Hardly any are
Slower No met led the trested up a back to Moore and Slate one I Story and is Would not be getting and Hardly any line New Village, N. J. Lat & 190
lophie.

NOV 14 903 NOV -6 903

Number 163

TROUBLE INQUIRY.

and the second s	Orange, N. J., MOV. 2,1905.
Mr. H.S.Moulton,	Manager.
On Log	Report of Oct. 29th,
Item	DepartmentQuarry
I notice for last	ll days average feet drilled in Quarry
124 feet. How many drillers	is Smith employing?
This mean 4	Drill Rygnano & by
	(1)
- helpen do	to it if on
	1 10/ 8
(THOMAS A EDISON, General Manager.
Referred to Mr. Sun Si	or explanation.
Frour drill s.	unieval Some times
it alle arcinence	lifthe holes at a certion
time we But	up an extra drill to
act themibut	only emoly four drill
forumene, The	ballow muchot alount
1.10	relling before duy can
other reveral	work Which if that
other finen to	do the other front
Four drille st	ado will Keep thing goin
New Village, N. J., ///	1903
ayeur	L' Smith



NOV 25 1993

Numbel 73

TROUBLE INQUIRY.

	Orange, N. J., Nov. 4th, 1903.
Mr. H.S.Moulton,	Manager.
On	Report of
Item	Department
Please ren	ort mhat is being one about indicating our
	r ched to of paragraph and figured out by
- Kaufman?	
4 Ore not the	Engueers it change
Capable To	Mowerington percet a loking
Cando at	stated internals of the rigge
is placed	THOMAS A. EDISON, General Manager.
Referred to Mr.	for explanation. Kaufwan
lor how has	I a good many cards lafter
loe how has	· ·
le how has from ha	I is good many cards latter ing me of free making. but at ian who arelito Kantman in
lere how bon how from loss to be present the se the second to the how soon as we	I is good many cances Calling ing me of frequenties. but of who author Kampman in in Change of the pound of suggested can get know for they plant
leve how bon how from lash & present the se the second as we	of in good wany cards Carlin ing in frequentings. Ent of tal who author Kaufman in 1. in change of the power dept way
lor how her from lack & pormat the le this work is as form as for an lor for which how will how	I is good many cames latery may me to free makers. But at ear who arelito Kantinam in a in change of the prome dept may can get a man for the plant cando (ather rigularly)
lor how be from each & hound the le this work & as soon as lor in will kon	i i covol many cande lating manin to framature. but at law who arelito Kantinam in a in change of the prome dept may can get a man for the plant cando (other neglecty)
lor how be from each & hound the le this work & as soon as lor in will kon	I is good many cames latery may me to free makers. But at ear who arelito Kantinam in a in change of the prome dept may can get a man for the plant cando (ather rigularly)
lor bom ban from lack & point the is the sound the sound to love from with from	ing me. I free mothers. but of the work of the work author Kampunan in in what he was the peared can got know the plant cando latem rightening.
lor how be from each & hound the le this work & as soon as lor on with how	i i covol many cande lating manin to framature. but at law who arelito Kantinam in a in change of the prome dept may can get a man for the plant cando (other neglecty)

of your only wait cardo. I are four them laster often, but I thought you wanter with with the horseprene will be up or care. On how a bracher that water forman surprise y will be able to two one the war who has been withing as stop from to the Power deportunt, in a few days.

3. Mason- at Edward Engineer in change of Engineer Anapped has indication several times and an according to the trace home twice a week of the order out power - WE of a little of the order of the order of the track of the order of the orde

Number 175

TROUBLE INQUIRY.

Mr	.S.Moult	on,	Manager.
	On	Inspectors	Report of Nov. 1st,
	2314		
Item			Department
Chalk	r cup su Grinder Dilts:	due to thread	on rear intermediate bearing of being stripped on car screw securing
-			
	₩ho	first found thi	" 1 M
		he man se	The same of the sa
they	halve	only a saction	whomas A. Edison, General Manag
Referred	to Mr.	Prugu	11/21
This	There	Auspector	on Friday Och suth. a
-01-0	ecens	refort of	ut in Mor 1st-
			,
all	night	Vr - 700 8	hall in prove
New Villa	age, N. J.	//- '7	
	a. rele	u ander	d

WCV 10 90 umber 178

TROUBLE INQUIRY.

			Orange, N. J., Nov. 4th, 1903.
Mr	H. S. Mo	ulton,	Manager.
	On	Inspectors	Report of Nov. 1st,
Item	2317		Department
Plat	e locks or		Chalk Grinder are wearing heads of
	Wha	t found this fi	irst?
d	dis Si	01 0	nan trau his man lo
a	looko	nt for those	THOMAS A. EDISON, General Manager
Referre	d to Mr	Prugm	11/1/00 for externation. 2 Puryu
_ 7	the I	respector.	- V
5	1 is by	tresa una	en to Think of mon its
.07	ce It	ting.	
New V	illage, N. J.		190.3
	everus	evolus	Pingras
3 1903	11-9-0	3 11-16-00	•

NOV 12 903

* TROUBLE

number____

TROUBLE INQUIRY.

			Orange, N. J.,-	Nov. 4th,1903.
Mr	H.S.Mou	Lton,	Manager.	
	On	Inspectors	Report of	Nov. 1st,
Item	2318		Department	
	d suggest	a trial of res	siduum oil in oil	cups on Conveyor
whee	ls. Noyer	try this.		Manage and advance of
_used			^	supposed it was always
-in.		7	THOMAS A.	EDISON, General Manager.
Referre	ed to Mr.	Mogn.	11 o for e	explanation.
0.0	Oiled Jun s	and peril	needs on a contraction done very	eogneson 118 oil and null
-li	el lui		this henaft	be on all oil when before toplain
New V	Illage, N. J. Loftu 11-10-	Tur) 25		(M Truy y

1101 - J	Number_	180
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TROUBLE INQUIRY.

			Orange, N. J.,	
lr	H.S.Moulto	n,	Manager.	
	OnI	nspectors	Report of	Nov. 1st,
em	2319		Department	
that	bolts, nuts	, and loose		c loose on rolls; of roll and cleaned by cleaned out between der that bolts will setting.
	Is thi	s Cary's jo	ob or Dilt's, or doe	s.order go to Cary
thro	ugh Dilts?		-(\hat{\lambda}_A	
	-	<u> </u>	111	
			THOMAS A. E	DISON, General Manage
eferre	ed to Mr.		THOMAS A. E.	
			for ex	planation.
			for ex	planation.
			for ex	planation.
			for ex	on washed of
. S		mys jold and a	for ex	planation.

TROUBLE INQUIRY. NW 16

	On_	Inspectors	Report of Nov. 1st,
Item	2323		Kepore or
	e on Cor	70707 17.4 pmg	Department
ACCOUNTS OF	***	112 318 (ry and run hot. Moye
	V/hc	first found th	11 out 2 / / / /
		2 20 20 444 01	/ / / /
	1/		
	1 , +	10 0	
	10-1	HICK OU	ope being used
	. 0	6 1	
-	19 1	celo	(y'es ou
	7		
			THOMAS A. EDISON, General Mana
Referred	to Mr.	Puren	for explanation. lunger
			di explanation.
10%	arls ,	re this o	oriversor were all oil
801	.27		- by oil man-
7/1/2	11-00	whereld do	
Lone	- de	ries unt	1 -
dn		The same	C My someth, seems
De V		know w	to first found this on
	it is		The state of the s
			The state of the s
			and has been, I am
1010,	eve	~ wence	it was first started.
			/
lew Villa	age, N. J.	11-6	190 3
	ofur 6-00	_	Ping mr.

Pheels on or complete on or ording at work of to day if charle, how 13th,	Learnt Pego 1903 with Parida	the crush	noch.	me are will be	Granu .
	agaman a ng Palaman an a		Nature of Trouble	Department Part	TROUBLE INQUIRY.

Number 191

TROUBLE INQUIRY.

NOV 16 -

1k other Dougroup to have the cut Months. New Village, N. J., 1/- 10 190 3 MRader 11-10-45				Orange, N. J.,	MOV. 4th, 1903.
Item 2304 Department The sides of several Flights on Con. 112 wear hard on Front side of trough over chalk bin No. 1. Ditter Who reported this first? I thank we went to cert these flights I remarked that a pair of Clamp Culture what does withouts A EDISON, General Manager factory What does withouts A EDISON, General Manager Flights on Can 118 never aid Cleary The riche of Trough. They would slightly touch round who while summarile. Then Highes on to local for trugh small who while summarile. Then Highes an too local for trugh small way an punchash a letter a cut of the plants on on year 18 often. Dangung to have the cut of manager What I have the con years the cut of the control of the cut of the control of the cut of the cut of the control of the cut of	Mr	H.S.Moul	ton,	Manager.	
The sides of several flights on Con. 118 war hard on front side of trough over chalk bin 160. 2. Ditts. Who reported this first? Then how were to Cert these flights Youngh ber that a pour of clamp culture were proposed to do if in places at fail follow, What does WithOMAS A. HDISON, General Manages Referred to Mr. Rady 1563 for explanation. The Ompeter Flights on Con. 118 mouth that Ceran, the risks of hough they would thighthey torneh mouth who while summing. Then Highlo are to local for trough some 71 on punched this fitted counts in house flowers while may against mile worly all film well Sharks on one pur the other. Daugning to how the cut of business of while Markey Williage, N. J., New Village, N. J., 100 3 Madden 11-18-53		On	Inspectors	Report of	Oct. 31st,
The sides of several clights on Con 112 wear hard on front side of trough over chalk bin No. 1. Dilto. Who reported this first? I though we were to cut the and flights I seemed be that a pair of claims culture years such asset to do it in glades at fail declare what does Without A Brison, General Manager What does Without A Brison, General Manager Referred to Mr. Rady 115 pt for explanation. The Displies on Con 118 never aid Clear, The riche of trough they would flightly truck for they what summarishes Their Highles are too look for trough some 71 am punch all they could the well shown or on yea 18 other. Dangung to have the cut M. 1960. What I have they well the cut M. 1960. What I have the could be a trough on one year 18 other. Dangung to have the cut M. 1960. Whatler. Dangung to have the cut M. 1960.	Item	2304		Department	
Who reported this first? The reported that a pair of claims culture when proposed to do it in gladace at fail of access what close withomas A. HDISON, General Manages what close withomas A. HDISON, General Manages when the complete the survey did clear, the riche of prough they would alightly torsely they were they when they when they when they were they would then they would then they would should not promotely they would should be they will should make a purchase of the parties o	The	sides of	several flights		and on front side
Who reported this first? I though we were to cent trace flights I send her that as pour of clamp culture work proposed to do it in glacoe at tail fuclar What cose Withouts h. EDISON, General Manager Referred to Mr. Rade 1150° for explanation. The Ombrecher Flights on Co. 118 never did Clear, the rich of hough they would Highly touch who who while while summing to truck or trugh some of my pendula letter centre i when floring of while to may grant and way all of the centre of when you will sharp or one are the other designing to have the centre of the state of the centre o			The parameters of	On the Property of the Contract of the Contrac	1
How how were to cert those flights I though we were to cert those flights I according to that a pour of change culture was a proposed to do it is place at fail fallow, what does WithOMAS A. EDISON, General Manager Referred to Mr. Rady 1150° for explanation. The Omprehen Flights on Cen 114 nevery aid Cleary, the riche of hough. They would Highly touch for truck who while summing. Then Highls on to look for truck some of an punchash a letter authority to the sum of the many against sale worly all the world Short or on one 18 other Designing to have the cert of mission. New Village, N. J., 11 10 190 3 Madden 11-18-55	01-0.	ove Tguor	cusik bin no.	I. Dilts.	h 4/2
How how were to cert those flights I though we were to cert those flights I according to that a pour of change culture was a proposed to do it is place at fail fallow, what does WithOMAS A. EDISON, General Manager Referred to Mr. Rady 1150° for explanation. The Omprehen Flights on Cen 114 nevery aid Cleary, the riche of hough. They would Highly touch for truck who while summing. Then Highls on to look for truck some of an punchash a letter authority to the sum of the many against sale worly all the world Short or on one 18 other Designing to have the cert of mission. New Village, N. J., 11 10 190 3 Madden 11-18-55					00
Referred to Mr. Rade 1150° for explanation. The Ompreham Clear, the rice of through there was a whole the summer did Clear, the rice of through they was a monthly touch they was a monthly touch they was a monthly touch they was a purchast they would think they would they touch touch some who while the monthly touch to trugh some of the purchast they was purchast at they all the well shall on one and the wall shall on the shall be a shall s	,	Who	reported this	first?	1
Referred to Mr. Rade 1150° for explanation. The Ompreham Clear, the rice of through there was a whole the summer did Clear, the rice of through they was a monthly touch they was a monthly touch they was a monthly touch they was a purchast they would think they would they touch touch some who while the monthly touch to trugh some of the purchast they was purchast at they all the well shall on one and the wall shall on the shall be a shall s	91	11	0	A 0 + 11	00, 10.
Referred to Mr. Radin 1150° for explanation. The Omproher Flights on Co. 114 never aid Cleary, the nike of tworph. They would flightly truck who will summerly an pended a letter country to the many of which my pended a letter country to the many of which my pended a letter country to when the many of which my against sale way got the will short on on au 18 office. Designing to have the cet of my my good 18 office. My Willage, N. J., 11 10 190 3 Mades 11-18-55	, —	thony	h we we	e la cert la	The program
Referred to Mr. Radin 1150° for explanation. Referred to Mr. Radin 1150° for explanation. The Ompreter Flights on Co 118 never did Cleary the risk of trough they would Highly trunch round who while summarily. Then flights are to local for trugh some 71 an punched a letter center i when they are punched a letter center i when they are they will short or on an 18 will make a punched a letter of the center of the start or on an 18 will be center or on an 11-10 190 3 Maden 11-13-55	Q	/	have the at	a bour al C	lamp cullers
Referred to Mr. Rade 1150° for explanation. The Omfrecher Flights on Co. 118 never did Clean, the rich of twenth they would Highly touch they while summing touch for trugh some of the flights an to local for trugh some of my penderfor a letter centre i when flavoury of which may against had worked all other word sharps or one are the allow of a letter of the court of the or one are the allow of the court of the court of the or one are the allow of the court of the court of the or one are the allow of the court of the	-	Name of			in mot tail
Referred to Mr. Rader 115 103 for explanation. The Dompeoter Flights on Con 118 movey did Clear, The risks of trough though who would flightly forch who while summings. Their Highes are too local for trough Smill the are purchashed letter country to when period I work and the trough or or on said 18 other. Danging to have the cut of the or or on said 18 other. Danging to have the cut of the or or or said 18 other. Danging to have the cut of the or or or said 18 other. Danging to have the cut of the or or or said 18 other. Danging to have the cut of the or		. 1 .	000000	Mrs Wine by	200000
The Omfrecher Flights on Con 118 never did Clears, the riche of trough they would Highly touch rough whe while summings. Then flights an to local for trugh some 71 an punded a letter center i when floring of which to may against aid worly get flitten will shark or on an He allow Dangony to have then cut of proper New Village, N. J., 11-10 190 3 Mades 11-10-45		· Clary	- What do	THOMAS A. ED	ISON, General Manager.
The Omfrecher Flights on Con 118 never did Clears, the riche of trough they would Highly touch rough whe while summings. Then flights an to local for trugh some 71 an punded a letter center i when floring of which to may against aid worly get flitten will shark or on an He allow Dangony to have then cut of proper New Village, N. J., 11-10 190 3 Mades 11-10-45			0 .	1-1-1	
Flights on Com 118 mover did Cleary The ride of trough though would thenthy force round who while surrounds. There Highls on to look for trough some 71 one product all the product to before though of which to meny good and moderal fitter will shorte on one sai the allow daugung to have the cot of these May Village, N. J., 11-10 1903 Madder 11-18-53	Referred	to Mr	Rader	p 5 for explanation	anation.
Flights on Com 118 mover did Cleary The ride of trough though would thenthy force round who while surrounds. There Highls on to look for trough some 71 one product all the product to before though of which to meny good and moderal fitter will shorte on one sai the allow daugung to have the cot of these May Village, N. J., 11-10 1903 Madder 11-18-53		7,	\sim	4	
Clear, The risk of hough they would shiply fouch nound who while summonthly touch for trugh some 71 am fundamental block for trugh some 71 am fundament a both of the sum of shiple on on see the aller design of the sum of the state of the sum		/he	Im	reches	
Clear, The risk of hough they would shiply fouch nound who while summonthly touch for trugh some 71 am fundamental block for trugh some 71 am fundament a both of the sum of shiple on on see the aller design of the sum of the state of the sum					
would Elightty touch and whe while summarked, Then Highes are too looks for trugh Some 71 are purchased both outer to when thereon of which runs spound said many all fitter will shorte on our said the attention of the same		Flip	Wo on	Can 118	never did
While summing. Then Highlo are too local for trugh Some 71 on pundents little out to local for trugh of which was against sale worly get film will shark on one sai the other Dangung to have the cut of business. New Village, N. J., 19 19 3 M. Rader 11-18-45		leany	The sid	e of trong	h. They
are pendent a both of center it where plange of which must shall woily all other will shall on one see the village, N. J., 1/ 10 190 3 Mkader		want	el Bligh	thy touch	some when
are pendent a both of center it where plange of which must shall woily all other will shall on one see the village, N. J., 1/ 10 190 3 Mkader		while	sunn	enc.	
New Village, N. J., 1/- 10 190 3 Mader		here y	lightson	too wede for	trugh, Some 711
My Village, N.J., 11-10 190 3 MRacles	an	pinich	of a lethon	center 7 where	lange of whilt
New Village, N. J., 9/-10 190 3 Milades	mu	mariet	trail work	1 all Other will	Shake on our sich
While Mader	the old	the c	rangoning to	have them cut	17.000
11-10-23	New Vill	age. N. J	0 91-	10 100 3	20110
17-16-03 11 28 1015	200	/-			MRader
W 7 8 100 0 - 55	-6077	- Tic			/
	W 18 100	0-03			

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Fremula d	lescusi	g the	culture	77777 H	lighto on Semper
aon 1/28 and.	this was	asono	level wi	when wid	eccled to un
Chilled Steden u	strail of	while	and i	+ sumo 1	To be all night
in the particular	auro,	11. 6	- 1- 1	m 115 and	Is well flow
theret and limited	ge on co	M119.	as ive	Rave sto	ofoficer hunty.
that are loo las they (then in the	grecel lest	A 7 che	aprit w	ay Pdoin	ef it
					11-13-03
		•			
				1 2	19 1
			- 1	atur	Ħ ,
			l	e of	I R
			İ	Tro	l DUB
			1	ıble.	H
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					b 6
				1 / 1	RY
				1 1	me
			- 1	1 1	1 =

Sward out for

NOV 1.0 30

TROUBLE INQUIRY.

	On	Inspectors	Report of Oct. 31st,
Item	2309		Department
011 1	eaks bad	ly out of joint	of flexible drive bearing next to
	-		
		rouster No. 2.	
	Vho	reported this f	lrst?
	<u> </u>		
-(1	no. le	eko suporle	d Gog Barnes men sout
	,	1	A L
a	empl	ly to cock	THOMAS A. EDISON, General Manag
f.			Monas A. Edison, delieral maliag
Referred	to Mr	Ramo	11/1/05 for explanation. Z Ban
Keiei i eu		1000	A 11 John Marie
		- Instruction	/\\\
			UU .
	Clan	not bay	I know we have
	Tapor	tid oil le	all ans the Manch,
	neven	no M N.	in date surrould
	Beare	meene v	Alico stro Mortreala
	roscurce	7	60
			Ban = 11.1400
			71.74
New Vil	lage, N. J.	now 7 to	
3 780.9		/	as Barnes

Number 202 1.0 .003

aronge oft.

TROUBLE INQUIRY.

			Orange, N. J.,-	Nov. 6th, 1903.
Mr	H.S.Moult	on,	Manager.	
	On	Log	Report of_	Nov. 2nd,
Item	9-58 down for 6	electricians	Department to clean commuta	Chalk Plant tor and put brushes on
motor	s of Cons.	112 & 113.	1	4
brush			/ //	nutator and put new
		promises to	shore up to stop	vibration, but 112
Wi	10		wesligali	this transle &
re	port-	-	THOMAS A.	EDISON, General Manage
Referred	to Mr	Bann	0 11/1/0 ³ for e	xplanation. Z - War
			badly sul	
	Trush	to Clean	lip com &	
	24 hr	un the	only Sour	Dean lesel
	router	our.	the Tresait	The Came
	marke	all O	K suttont	a Dhart
New Villa	ge, N. J.,	mon y	1903	
3 1903	-evtu	کی کرد		tarno
- 1903 2	Lee rem	nu seile.		

Motor is	runn	ing	O.K.	now
since pro				
boundes.				
Pullenge	of fle	xeble	con	pling
are worn very	20005	e du	- 22	role de
to centers	of a	mail	me o	laft
M li	Men 27	ruft	ber	ng on
of line, some vibr	alion of	als d	Part_ Nature	-
			of Tro	ROU
Wo	Warn		uble	· BLE
	5	n		NQU
lopu 11-16-3				IRY.
		11.		lent

NOV 11 1903

TROUBLE INQUIRY.

	Ora	nge, N. J.,	Nov. 6th,19	03.
Mr. H.S.Moulton,	M	lanager.		
OII	ectors	Report of	Nov. 2nd,	
Item2329		Department 1		
Dadly, this probably Dilts, look up and see	supporting is the cause what can be	gears driving for of teeth bree brace	coaster No. 2 aking in pini	spring on.
Who found t	his out?	11/	1	
2- Will ther gayne	peopo	· CHIJ	00 wo	demo
0.	what l	e force	000	fely
co de cercas.	break	w deep	9	100
Olvain men	sly -	THOMAS A. ED	ISON, General	Manager.
Referred to Mr.	eden	or exp	lanation. Ž	Jayne
1 down	This &	Oct 9th	west I	o The
tool rown	n and	bought	- wiena	h of
- 41 1 01	, , , , ,		4	
Vom Sty	on S	home i	12,1	me
breaking	Me Can	The work	my Stras	n That
breaks	min	·~		
lot how wind	Showate	1 por when	<u> </u>	-
New Village, N. J., //-/	10	190 3	noh	.1.
lotter lo	18.03 -	· ·	rina	
NV 18 1903 NV 7-1903 2- Rec ansurv	made on the	ware tite.		

[ATTACHMENT]

11/14/03 - answer \$2 Ultimate chross of cast in an 50,000 lbs. Ultimate + ab This street = 11%. apparent Hodere lefred in running roaster = 16. afaparent factor of safty = 7.3 apparent stress 6400 lbs. I hickness of fro ben tooth 18 no hich is the convert Thickness of Footh for 22 Cir faitet showing that little wear had to be place, the frame supporting these gears is not much heavier than belt conveyor 1 frame, The first tooth hadee andy half out of principal this inclinates that tooth did not bean whole long to, the election of from sould course goo of to hoout of the

NOV 14 1903 NEW SEC ONS

Number_210

TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 7th,1903.
Mr	H.S.Moult	on,	Manager.	
	On	Log	Report	of Nov. 4th,
Item			Department	Crusher Plant
Crushed	119 cars o	ement Rock	-Placed in Bin No	21 is alterested from the Wise Ship
stock ge		only 119	7	to-Crusher? Does
cement?				
Log	ofces	enthone	says UK Car	s central CP
		,	THOMAS	A. EDISON, General Manager
Referre	d to Mr	Prugs	_ (Son' South) to	r explanation. , Dan Sent
The	ne is no	mend o	n 200 11 n	unter of caro ser
70 0	moter (Plantfo	T V	But we only ones
119	Pars. ou	ring, to 1	tio fact Ital	3 rd 26" Rolle with bries
2000	20.23	Pluga man		. 0
	~ <i>i</i> — .	-		0 1 0 0 1
	I lour	does q	t wit from	loday.
	llage, N. J.,	,	1-12 190	

NOV 12 903

Number 211

Branch .

TROUBLE INQUIRY.

		Orange, N. J., Nov. 7th, 1903.
	Mr. H. S. Moulton,	Manager.
	On_ Log	Report of Nov. 4th,
	Item 7-00	Department Chalk Plant
		k grinder, oil holes plugges with wool.
. /		
	What is proposed t	o prevent wool getting in Oil holes of
	grinder?	7
	Have Willower I	alk with Garante al
2	Have in the Co	et wooden was the
, ,	Water of Fleat	hane -2: () 1.
		THOMAS A. EDISON, General Manager.
		Tromas at possor, peneral manager.
	Referred to Mr. Mayer	11 10 03 for explanation.
	Referred to Mr. Taxas	ior explanation.
	I am packing	there a lettle deferent
	Thou what they	have been.
1	manuely leion L	thing sing of felt cut out
	Just Grough to c	lear Tule & Mill 300 gram
	of hood the and	The good fitting sing of felt
	Illoudd ongger	of a prese of garage of abou
	To a meet ones to	to from bearing to select Tule
	WHY well tollow S	ergastion
1/12	New Village, N. J., Nov 10	11 costin
200	New Village, N. J., 700	190.3
ov. 19	1903 11 11 -4 3	MAN Moyer Oil supp
	11-10.	all defet

!		
I have been over the felt washers a give better results	then with morpes of a organ we will be sure when the word alone I were the word alone . Low the word believe the word between the word believe the word with the word	did fund that thing.
hos fell warness as	11-16-23	
		* 2 * * * * * * * * * * * * * * * * * *

Nature of Trouble

TROUBLE INQUIRY.

NOV IL DCS

TROUBLE INQUIRY.

				/
			Orange, N. J.,-	Nov. 7th,1903.
Mr	H. S. Mc	ulton,	Manager.	
	On	Log	Report of	Nov. 4th,
Item	3-00		Department	Clinker Fine Grinder
Shut	down- Ele			he load and blow fuse.
	Have	we got prop	er fuse block on E	levator 131 Motor?
			Vin.	
-70			0- 2150	A
	an it be	passella.		flux 6. Cock
	T fort	Curre St		The is something
w	any perme	es-Revi -	THOMAS A.	EDISON, General Manager
	1	00	Colorly	
Referre	d to Mr	-sorcew	ulu 11/10/00 for e	xplanation.
\angle				locale pole
au	1			mounted in
_sl	t no.			in suit The
				o volt circuit
H	, Luc	1 trad	current of	the JOAP wo
at	elivar	ter # 131	is 190 au	upues.
-				<u> </u>
I ba	ue taku	it all sy	cart and for	und lugs very
Hii -	mud	cause &	ad contact t	Leating.
			r. 10 1903	
	annus	when		RH. Good Willi
8 1903 8	11-12-03	11-30-03		
A 1009				

Milk	20	dins	
Number	2:	1.4	

NOV 14 1903

TROUBLE INQUIRY.

			Oran	ige, N. J.,	Nov. 7th,19	03.
Mr	H.S.Moul	on,	M:	anager.		
	On	log		Report of	Nov. 3rd,	
tem_	12-	30 .	D	epartment	Crusher Plant	17.55
Engi	ne on cent	ce. Loose	ning fric	tions of gis	nt rolls in order	
turn	engine ov	B1'.		- W	1	
unde	Do yo			Ats Jill 6	rs? If so, I cann at is the friction	
load				10		
M.	LY(1.	a dried	Romalad	Sahout r.	orlt, our grant	
	2 70 FIP		load	alund	3/	
	1.	1		THOMAS A	EDISON, General Ma	nager.
		ul alas	حامل		abibotti dellotat ista	
Referr	ed to Mr	Pugue 41	Yang.	for e	xplanation.	
W	a alway	yo us	r ba	o to sta	Pingra	Polls
					V	
=	riction	Looce	- c/ 2	er 10 Th	1401	18
	/ which	1 43	mi E	410.11	here rollo	16:51
-	120-10	Togsor	- 211	reice for	a always of	LOUNE
7	his Sume to	ent be E	x ussim	. well he	on power tother	for
3	achroll	when	eve Ron	an oppor	buily	
New Y	lilage, N. J.	, 11-	11	1903		
A)	Acres 3				Naufrua.	
	# 2 - OLL 1	umus side				

2 - Moliet 11-18-03

TROUBLE INQUIRY.

Departm

Part

Nature of Troubie

Characha Hyra

903

Number 215

TROUBLE INQUIRY.

			Nov. 7th, 1903.
Ir		Manager.	
	On Log	Report of_	Nov. 3rd.
tem	8-46 P.M	Department	Chalk Plant
Gove	rnor did not work.		
	What was the	natter with the Govern	0
	What was the i	bacter with the wover	HOL:
W	ell My Pengross	man be use	rucked lo
w	rapect & dil a	governot -	1 14
	1		W
		THOMAS A.	EDISON, General Manager.
	D	11 10 00 for a	20
eferre	d to Mr.	for e	xplanation. Pugue
7	264.4	mucro - Deric	diana lack d
ni	1 was the	cause of the	Journa 20
ae	tino.	. /	
a	uthaving a	door placed	on top, of casing
ar	ound Oldvan	con, so Weat	mechanism to
7-8	oiled-		NA. II. L. G.
	11		
	gro		
	illage, N. J., //-	//1903	, , , , , , , , , , , , , , , , , , ,
Jan V			

TROUBL

MOV 30 903

220

TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 7th,1903.
Mr	H.S.	Moulton,	Manager.	
	On_	Inspectors	Report of	Nov. 4th,
Item	2354		Department	
The				ft and packing gland
1n 1	cering i	s.01" evident	ly bearing has worn	considerable. Noted.
	Ho	w much has bea	ring worn as shown l	by packing gland?
				the bearing only has
the	weight c	f the roll on	it?	C
			11	110
			THOMAS A. EL	OISON General Manager.
Referred	to Mr	Jaym.	ျ၊ ျပ် ထိ for exp	lanation.
2 th	main	easument	twootaken	from autoide
Jac				to consect here
afte			in pack the	
			mount of	Diamino
too		of ming m		correctand
will			minspector	
WH.			tt Copinas	into lo due to ani
			inside con	
عط	ene,			
New Vil	lage, N. J	., 11/26	1903	
	WHU 11-27-0	د '	W	1. Defayore.

Brown of Herry

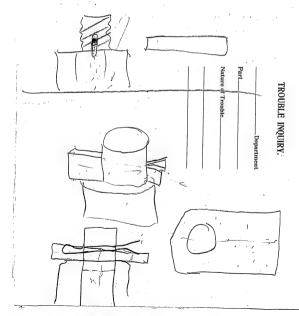
MOA	12	:90	Q

mber 228

TROUBLE INQUIRY.

			Orange, N. J., Nov. 7th, 1903.
Mr	H.S.Moul	on,	Manager.
			Report of Nov . 4th,
Item	2359		Department
	bolt loose	in one plate	on rear giant roll. Cary, tighten up
-and	lock.		
	Who	ound this ou	t? .
-			1
-			//2
		/	1,96
			111//
			\w/
			THOMAS A. EDISON, General Manager.
Referr	ed to Mr	Pingue	11 10 03 for explanation.
Le	Moubto	My Mer 3	Suspector, as I know
Med	Thing	17 a to	It tring loos at this
tie	ur f	But to	ave found several boose
-0-	ineu.		
-			
New V	/illage, N. J.,	11-10	190 8
	lost	u	Vingra.
	11 11	0.3	. /

WELL A



Will Sty Dies

TROUBLE INQUIRY.

				0 11 1	Nov. 7th,1903.
				Orange, N. J.,	
	Mr	H.S.No	ulton,	36	
	11111			Manager.	
		On	Inspectors	Report of	Nov. 4th,
		2363			
	Item.			Dangetment	
	Rear thr	rust fl	ange of roaste	Department or No. 2 has started	to crack not
	- cracked	ar ound	shell but sin	dlar to flanges on	reaster No. 1 at-
	rear end	l. Rad	er, look into	this and report	
				//\1	
I		1170	found this out		
/	_	WHO .	lound this out	31	Λ
				0 0 17	
				1 1 1	1
4	_ Q ,	1	-	11.10	1 .
2	- 100	no 6	eriono	1.11	
				1	<i>l</i> .
				THOUSAG A PRO	
				momas A. EDI	ISON, General Manager.
			(Made	11/10/63	
	Referred to	Mr	Vianne	for expla	anation.
	/				
	10	70	Tan . 0	This now	- / / / /
	10	- pro	1	- F- C- 1100	1 Juni
	- lea	uc	L mat	- all wi	rether it
	nu	111	20-1 00-	instanta	17:0
₩,	1-7		Juan or	just sta	vun.
7.	- 1 m	vv ,	days	taker -	hern a
	SI	inda	1- 6/2-	1	T 1.1.
	100	1		The sou	VI sugar
	0	rep	orted !	The trouble	- The
	1	22/1	0 /	Form	14-
			- Per	10 mic	//,
	1800	d	TO 14-4	/	injuctions upont wither.
	21101	me ray	muy nuo lo 1	ell difor I Saw u	infrictions - signif
			41 ,2		wir an.
			11-20	2	
	New Village,	, N. J.,.	11-20	1903	7000
	calles.	4		(-	1198 aded
	11-21-	1			111000
	11- 61-				
	H a		N.		

		-
after the flange began	uto arrest. (4	was one of the suppose
Hauges which was timened off	to act as a Thou	it too) shad the
Sectional glange for the	spare thurst s	fullo bolter to-
the old crackled thement	: grange which	i was braced by
W.I. braus. it has	bun runny	, www twoo
the way to without to	rate.	
	1130-03	
•	1130-23	
	1 1	· ·
•		latu art
		Te o
		FT 100
		oub BL
		e E
•	1.1	J J Z
	1 1	Dep
		artı X
		TROUBLE INQUIRY.

grandy william

DEC - 5 503	Will St. Oils
TROUBLE	INQUIRY.

Report of Department	Nov. 4th,
Department	
ers driving Con. 178, dan	ngerous. O. K. Cary.
know of this, or reports	d it?
	1.
1. / P 1 = 1	14/1
The state of	117
	0
	,
THOMAS A F	DISON, General Manage
	Disort, deneral manage
der 192403 for ex	planation. I furfum.
va	10. Ti- 111.007
- it was	I mell for
rd as to or	unessin
- Catalana	any where -
re there oren	gears
,	
een Suced :	
1 lst Thu	Aman.
-20 1903	Docto.
	MRadis
	THOMAS A. E. THOMAS A. E. I Was for ex I was a I to the form I than t

79% NOV 24 OF

Arehal of the -5 603

ber 233

TROUBLE INQUIRY.

		Orange, N. J.,	Nov. 7th,1903.
M	ir. H.S.Moulton	Manager.	
	On Inspectors	Report of	Nov. 4th,
	em 2378 - 2379 Bevel genra driving Con. 17 Gears driving Con. 178 are	Department 6 are dry. Rader, dry, no gear case.	keep them doped. 2378 Rader, dope. 2379
/ -	Who first noted t	his?	-U
	100		
· -	My was his	ingumy to	crest Days
ly made acht	in the office -	hereafter h	ave them go
6-	out the next da		OISON, General Manager.
Re	eferred to Mr. / all	- horaning al	lanation.
1	Min in Charle	- were in	tructed not
		These year	ro to much
	so Coal dist	Mr, as con	enmulate m
	very hard an	. 1	
-	But probably I	This were st	my leerand "
=	The limitat	The Time of	impection,
-			
Ne	ew Village, N. J., //- 2	0 1903	22 12
	lottus 11-21-03		1, Kader
	W		

#2. The short are first need by me - then the engined and diplicate are fainted together and for a sure to the transmit forms together and for S. Moulton "14/05 - Dearwood give any rensen for the shirt tomany been
Deaust give any reason for this the town here
all the to the to the Nade of way trees
So long a time in getting to McRader. A come how here new pland on my dock. In all lans & attend to them, as promptly as punish.
1 That it is may place
to do the work and puper doing it my silly
Na Pa 17-20-2
of Trou
bie LE IN
QUIR)
TROUBLE INQUIRY. Department rt. ture of Trouble

NOV 14 903 Res

TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 7th,1903.
Mr	H.S.Mc	ulton,	Manager.	
	On	Inspectors	Report of	Nov. 4th.
	2385			
tem			Department	
FILTE	er cup on	rear wan right	bearing of clinker	grinder No. 1 is
very	loose,	3rd. Notice.	Dilts & Cary, how s	bout it?
	Why	was a 3rd noti	ce necessary?	
	- 2	Sent 1500	/\4	
Cosh	. ded u	of notices	so and Met 6.	nak
		11	1 1 1 1	S.T.13
	4		71 100	
		<i>k</i>	100	
			THOMAS A. ED	ISON, General Manager.
			4/	
Referre	d to Mr	Ditto -	Cary /11/2 for expl	anation.
	th	elist two	Chotice did and	A affear on Ome
	book	Consequents	& did Got know it	was loose untill
	340	groties which	is on over book.	Amilto Gor 110
	- 6	2	17.4.17	The way II o
	Large	min her	of arasse in	destant lobs
C	austici)	- 1 (1)	1 Over 211	110
H	enwech	2 7 100/1	· area sing	mich Color
me.	OLCI COLL	the guille	D L	Eghten lda
20	1st first	uly aver	ille viere con	alle tousco
-,-	2 hold	2 Locked	acette the te	ght over on
These	filler	e ault, mos	hold. Ita	· fust chance
New VII	llage, N. J.,	11-///-	1903	1
			- Che.	2 605-13
			0 140	The second
1903				!/

* * *	 TROUBLE INQUIRY.
	Department
	Part
	Nature of Trouble
	·
	provering the fact are booked both white lagament bracket & bolt heads. both put in pranof " as the This beary tooken for the way.
	 couly a case of setting up & selouting at first witurns to from the larger houter purious + the also to this probably had runn cum straputs

Browner of Fig.

TROUBLE INQUIRY.

Edison Portland Cement Company.

	Orange, N. J.,	Nov. 10th,1903.
H.S.Moulton	1,	
MrLog	Manager. Report of	Nov. 6th,
9-23	D	Crusher Plant
	Department generator running hot.	Approximate and the second second second
Why did th	ne large generator run hot	?
Why rat suffered of the	this ing in to in	ion scapens is
	THOMAS A. EI	DISON, General Manager
Referred to Mr.	Nauflen. for exp	lanation.
This was upon	/	have been - "beam
generator which	had just burget in	and but was
	it shopping and has	
	our of the privious day	, garacean
	, ,	
New Village, N. J.,	1/-12- 1003 WHEEL	ases

NOV 18 1903

1101 14 903

Crowd of the s

TROUBLE INQUIRY.

	Orange, N. J., Nov. 10th, 1903.
Mr. H. S. Moulton,	Manager.
OnLog	Report of Nov. 6th,
Item11-45	Department Chalk Plant
. Why was Mill time used to	tighten clamps on 113? Loss six hours.
-Mill was not running on no	ght of Nov. 4th, couldn't it have been
done then? - 11-45 Tighte	ming bolts on rope clamps Con. 113)
, or	
	1.
	9,
11	
	THOMAS A. EDISON, General Manag
Referred to Mr.	for explanation.
Bu llow 4 the will	enower grown a mast 577
and on nov 6 the	on was sufficient stock on Rand
to Shut down to have	is without interfering with out
	un to be the cheapest way to get is
done wasto Kove	all the will sun put at it under
the senetimos of the	all the will sum put at it lunders. Olungers of suparro, allumiers
the devetures of the	all the will run put at it ender church of repairs. allowers of suponer a lot of the day supari
the senetimos of the would have had to	Church a lot of the day Deparint unugh were or in slight repar
the sevetinos of the	Church a lot of the day Deparint unugh were or in slight repar
the sentinos of to would have Rad to ena as there are; our to do it questle	Church a lot of the day Deparint unugh were or in slight repar

Orongenthin.

NOV 25 1903

NOV 17 1903 Number_

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TROUBLE INQUIRY.

	*		Orange, N. J.,-	Nov. 10th,1903
Mr	H. S. M	oulton,	Manager.	
	On	Log	Report of	Nov. 6th,
Item	8-40		Department	Clinker Crusher
Star	ted up ar	nd shut down	on account of short	aircuit on Motor Con
128.			Manage	eoliciations (Service energy
		, .		
	Whe	t was the r	sture of the short o	ircuit on Con. 128 mo
. (an a	mellen	be stone gul	he way of
	/	1		
· 1	- e.C	-n to	o cody to	o in the fulu
	P. P. C.	1	The state of the s	o come forth forth
2			1 totaluelle	d. answered under date of
is On	esten	riat ans	THOMAS A. E	DISON, General Manager
		<u> </u>	•	
Referred	to Mr	Ban	11/13/03 000	planation Goodwille
(CICITCU			10r ex	planations 3 - 1 4 200000
7	Eleci	trical	Det Flord	tent an
1	04. 0	. 6 01	List of the	t O C
12	The 2	S all	Junione M	u am
Uno	1000	-19M	cay Ose	went at
m	mor	made	Alu Whart a	ercuit du
10	an	af 1	The brush.	leas become
los	some	1 Ollo	a Ret Deren	an brush
1 m	Ides	tall	ind agami	styola fram
(mol	ah th	- Ohost Rus	
		0 0 011	100	cui.
	1	Me	13 100 9	
New Villa	ige, N. J.,	Mou	190 3	2012
19080-11-12	4			410 arms
	-00			
1903				

to won bour in the way and think is geren an served in they way and then if geren are served up tight they will be no thought we have more trouble with pather only of bours had become loosened from brings cannot be now then can be resulted at herach, cannot by, order of her he had sparting

NDV 19 1903

22d answ non 23d, 03 Troubelfir.

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256

TROUBLE INQUIRY.

			_		Nov. 10th, 1903.
	т е	Moulton,	Orange,		
Mr	E. O.		Manag	er.	
	On	Inspector	8 R	eport of	Nov. 5th,
ltem	2389			tment_/	
	lesks had	Ilv out of s			generator in Chalk
_				71	//
1,70	nt. moyer	, make glas	s-tignt.	U	11
	Was a	first noti	and thing	- 1/	//
	WHIC	TIPS HOUL	Ced this;	r	
77	reo Kow	L	(1)	50 167	not of the
N	000 1100	1111		TE PORT	The Column of th
-Che	canten	100	should h	e how h	ans ocen/ it
		end west	1	Tolleso	luttics,
		courage		freeze hour	in 700 little
tida	Counal	acca-flat	OIT -		. %!
		0	THO.	MAS A. EUI.	SON, General Manage
	illings				SON, General Manage
Such	Llungs				_
Such					son, General Manage
Such	Llungs				_
Such	Llungs				_
Such	Llungs	./Yau	fuan "h	² / ₆₃ for expla	_
Such	Llungs	./Yau		² / ₆₃ for expla	_
Such	Llungs	./Yau	fuan "h	of for expla	nation. 2 Kanfsur
Such	Llungs	./Yau	fuan "h	of for expla	_
Such	Llungs	/ Yan	fuan "h	of for expla	nation. 2 Kanfsur
Such	Llungs	/ Yan	f wan "h	of for expla	nation. 2 Kanfsur
Such	Llungs	/ Yan	f wan "h	of for expla	nation. 2 Kanfsur
Such	Llungs	Man	f wan "h	of for expla	nation. 2 Kanfsur
Such	Llungs	Man	fuan "h	of for explain	nation. 2 K pulpur
Referred	to Mr.	/ Yau	fuan "h	for expla	nation. 2 K pulpur
Referred	Llungs	Man	fuan "h	for expla	nation. 2 K whom
Referred	to Mr.	/ Yau	fuan "h	for expla	nation. 2 K whom

TROUBLE INQUIRY. The state of the case of the control of the case

Grange of the

NOV. 25 190:

260

TROUBLE INQUIRY.

			Orange, N. J.,-	Nov. 10th,1903.
Mr	H. S. Mc	oulton,	Manager.	
	On	Inspecto	Report o	Nov. 5th,
Item	2393		Department_	
One bo	lt very loos	se in rear	right spacing ro	ll retaining collar
of cha	lk grinder.	Cary , ri	vet over washers	,
			1	
	. Who firs	t noticed	this?	
	. +			
a The	S. 12 C TE	a at ohi	it downs the	Con College 100
700	not out	-	men coned to	er o short will not
	4 11-4			
- our	helingo			
			THOMAS	EDISON, General Manager
Referred	to Mr.	Pwg	~ V/13/03 for	explanation. Progre
		0		/
The	Sus for	ctor	,	<u> </u>
Due	peeter	ange	I on his jot	at won when u
ohu	& course	for les	wich and 2	-amines well a
Lay	- also	Vingles	1 Suspecto	- The same.
18/20	usur,	va Phave	a ohrar o	- cath to resolver
2200	in a	ll ruge	for This -	Hence Impoctor
- Fri	des This	s los	in bollo	_
1.7%	less de	Decle .	ar not to	-lower & while
20140	ming L			V
Uns	ad	44540	ans there late	ing advantage of this
7		1/// 2	1903	y man
New VIII	lage, N. J.,	11/5	1903	3
=a	1-11-03	popular		141greso
1903 2	1 10 - 03	4.0	•	V .

Browns, offi

NOV 17 303

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TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 10,1903.
Mr.	H. S. Moulton,		Manager.	
	OII	spectors	Report of	Nov. 5th,
tem	2398		Department	
Top v	ertical shaft h	earing o	f shaker ir worn	about 1/2" larger than
-chaft	due to no oil.	Dilts,	get extra cestin	g . Pingree,Oil.
	Why didn't	Pingree	notice this and	report?
De	agest Pu	~~~~		the book in hi
J		/	100	DISON, General Manager.
eferred	to Mr.	Maju	_ "/13/03 for ex	planation.
nige	ected to 24	bort.	ate in P.W.	
1	2 2.742.01		a a para	Valuation .

ew Villa	ige, N. J.,///	/3	1903	7 .
Soft	7**)	-		ugni.
11/1/2	5-03 .			

Brown & Hre

00 11 100 NO BA ON

265

TROUBLE INQUIRY.

			Oran	ge, N. J.,	N	v. 10,1903	
Mr	H. S	. Moulton,	Me	mager.			
	On	Inspec	tors	Report of	/ No	ov. 6th,	_
Item	24	01	D	partment /	/		
- Sever Rader		are very lo	ose-on-re	or thrust	10-pt	roaster #1.	_
	1			1/10/			_
/	Who	first notic	ed this?	1110			
2. 1Dw	lnot	Mr Rade	d Far all	10000	1600		
+ tell			told	lok for &	- hore	to do it	_
ouco	they	are tru				us hours	Cer
_will	deso	prem			V		
			7	CHOMAS A. E	DISON,	General Manage	er.
Referred	to Mr	Rail	n_ 11/2	0/6.3 for ex	planatio	n. 2 - Raden 11.	30-03
7	The	ins	heat	-			-
10	na			je di	d n	ot try	
In	in	- as V	rere_	were s	w.	indicate	ino
1-0		n To be			7		= .
		in Oliv				moternot	
		rally a				aronno	-
		There		blen		712 70	
						how to	
loo	K for	- all The				other side	-
New Villa	age, N. J.	. 11-	20	190_3	mo	· ,	
-lo	21-03	WALL.			40,7	a ce com	-

		re of Trouble		TROUBL
		6	Dep	e inqui
	' '	1 1	++	
Men in charge are and don't see Thing after getting eaguains	s as o	trained	as They	hanse's will etails.
men have improved		great re,	extin	
		11-24	Mal	Cer.

Nature of Trouble.

Stand of Ken

Number	271

TROUBLE INQUIRY.

			Orange, N. J.,-	Nov. 10,1903.
Mr	E. S.	Moulton,	Manager.	
	On			Nov. 6,
Item	2410 -	2416	Department	
Two 1	pipes lying	on electr		unnel under Con. 100.
Good	v41110.			Water and the same of
	Who i	s responsil	ble for putting pip	oes on wires? Does
Goody	villie insp	et the wi	re system at all?	See 1tem #2416-
same	connection	(2416 - W	ould suggest someth	ing to prevent chalk
			es under chalk grin	nders. Pilling, look up
and r	eport.)	Ch	Stringraphus Es	non - Should have bour Par
		WJ		EDISON, General Manager.
eferred	to Mr.	Sood 1	vellie "/13/23 for e	xplanation.
Thes	e pipes	Lave to	eur laying in	tunuel near pape
for a	long tim	u - 0	mace Silve	apparently win
Cauc	at Lind			en on weres.
Ca	ales in			inspected twice
· day			1 4 .	6 ladder - etc.
Land	heen to		yamist can	
Hic	re is a	1 1	tel moderplanedy	jutervalo in tum
tort.	111	7	except il	the transfer of the transfer o
tour	h the	edbles,	- Leger - C	conceans 10
ew Villa	ige, N. J.,		1/16190.3	216
-ay	1-16-03			art. For Twicke

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MON 41.5 (2003)

Number 276

TROUBLE INQUIRY.

Edison Portland Cement Company.

			Orange, N. J.,		Nov. 11,1903,
Mr	H. S. Mo	ulton,	Manager.		
	On	Inspectors	Report	of	Nov. 6th,
Item	2417		Department		
Pisto	rods in a	ir cylinders	of grinding re	lls p	et very dry and
_dirty	Pingree	0'Brien, ha	re them oiled.		
	Who no	ticed this fir	rst? Why she	uldn'	t cylinder have oil?
	Willed and	-110 ha=+ da	e you th		c of Pengysans
		and the same of th	10		
&	erggeo	dian.	11111		
	1.		V		ISON, General Manager.
Referred	to Mr.	Jugu -+ Os	home, "/13/62	r expl	anation.
					so have breen
Cer	linder	costainly			oiled - But
Ho	100 is u	o provis			or doing so.
				ul	style of pland
Fr	read -	in that far	thing may	60	Explodustad to
					oil cup to
de	end on	op of elig	fing to	*	il no time
			10 ch 200-8	·an	d cuts out
		pully.			
New Vil	lage, N. J.,_	1// 13	190	3) •
					ing reve

NOV 19 1903

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NOV 30 903 NOV 17 903

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Nov. 11,1903.

TROUBLE INQUIRY.

-5	H.S.Mo	ulton.	Orange, N. J.,	
Mr			Manager.	
	On	Inspectors	Report of	Nov. 6th,
	2419		Report of	
Item			Department	
Weigi	it on door	of gunny char	mber over large gener	ator in clinker
grind	ing plant	sticks fast	to box that guides we	ight. Barnes.
	Who	noticed this	first?	
C	medy	of moon	in chappe	nous notice
the	·			,
2nd	Ques	Low Wo	A Makelya	
+	9		THOMAS A. EDIS	ON, General Manage
Referred	to Mr.	1 autu	ohe 11 13 offer explan	nation. 2 Kaufw
-		7 - 110 -	Com.	ν
		/		F1.
11/10	Con 2	Tii eva	· sepertral	2470 141
-24/6	0			col quil
20	Luce;	100	und Sailes	de ferie
	for file	17 1	tule fort	
				Namparam
			2100	- 22 000
New Vill	age, N. J.,_	Mine	45 77 190 3	
2 3 1903 _{/19-}			7.7.7	· freed
F. O. TAMON 1-	13-05			-
				•

Charge of free

NOV 17 1903

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TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 11,1903.
Mr	H.S.	Moulton,	Manager.	
	On	Inspectors	Report of	Nov. 6th,
			Department	
Would	suggest g	uard over shear	ing couplings on	feed roll shafts in
R.S.H	. tunnel d	ingerous. Dilt.	s, wood covers,	this is an old order.
	Why c	ouldn't this he	re been done bef	ore, you had carpenters
some-	have been	laid-off?		
			, 16	
. 2			$A \parallel H$	· · · · · · · · · · · · · · · · · · ·
			100	
			THOMAS A E	NISON, General Manager
			HOMAS A. E	Bison, deneral manager
Peferred	to Mr.	Auto.	"/13/03 for ex	planation
		This	does not als	leas on the book
Ex	cefit on	910x -766-03	+ Has been atte	ear on my fort
	hone a	Recolection	of hearing	This Discussed
a	long	time ago be	it Not under	the present Regime
	0.			
			101	
			-	
lew Vil	lage, N. J.	Chor 13	390	
000	Nece			Bell.
207	2-4-3			
11-1	3-1-00			

Browney of Cross

NOV 17 903 Not 120 ans

Number 279

TROUBLE INQUIRY.

	Orange, N. J., Nov. 11th, 1903.
Mr. E. S. Woulton,	Manager.
On Inspector	Report of Nov. 6th,
Nut on one brush holder st	Department ud on motor driving Con. #106 is not
wired. Barnes.	
. Who noticed this	first? Was it Barnes' Inspector?
	ent Keep a book a stand
	Mysespector has wort read
	To file the place
garano	THOMAS A. EDISON, General Manager.
Referred to Mr. Ban	for explanation.
Marris 1	lan
I ame when	(mon neglicling to mir.
fixed Proto	- uf at night
	1.0
New Village, N. J., 1200	190 A/Darne
lossus	UTI JUNIO

Brouge of fre

NOV 17 903

Number 281

TROUBLE INQUIRY.

				0	range, N. J.,		Nov. 11th	1,1903.
Mr	н.	s.	Moulton,		Manager.			
	On_ 24		Inspect	ors	Report		Hov.	7th,
			gunny chamb				Con. 128	through
	1	Mhy	did not Bar	nes!	Inspector f	ind t	nis out?	,
Bo	Lynn	6Ce	~ a fix	Man			W9. 10	
no f	I Land	-	L auck			Hammers		eral Manager
Referred	to Mr.	-	Bru	A	12 p3 fc	or expl	anation.	
	M	i	- quite	Mi	obila th	de	din	fact
_ su an	n dig	in the	and defect Inspec	77	us ma Muhiati Report		arasi	4.
		_						
			0					
New VII	Hu	. J.,	Oloa /	<u> </u>	190	DA1	Dain	-0

Brangeroffice

Number 285

TROUBLE INQUIRY.

Edison Portland Cement Company.

		Orange, N. J.,-	Nov. 11,1903.
Mr H. S. Mc	ulton,	Manager.	
OnI	og	Report of	Nov. 8th,
Item 8-30	anti-mornit	Department	Chalk Plant
Cleaning out chui	e to rolls	ore damp.	dia -
Was dan	p ore cause	ed by wet sides i	h Bijbu?
What is a	alled de	Cenis Jul 6	probably ore
times the	would	Louis A	EDISON, General Manager.
Referred to Mr.	Pingi	"/15/63 for e	xplanation.
of think un size of well	. /	/)	of Bigour to lacad Stock
New Village, N. J.,	11/13	1903	Pinany

NOV 19 1903

50C OS VON

Number 288

TROUBLE INQUIRY.

Edison Portland Cement Company.

			Orange, N. J.,	Nov. 11th,1903.
Mr	H.S.Mon	alton,	Manager.	
	On	Log	Report of	Nov. 8th,
Item			Department	Clinker Grinder
Shut do taken u -up-as-w	as No. 1	43, and the	con. 132, this bent elt was left in prope y were not taken up.	was reported to be or place to be taken
- M	lason,	Secabe	of the - late of	inse we als no
	ause o nac'—		1	Cra 6 Co To war
Referred t	garding		Love, my clas	lanation.
and .	2 feb. 11.	te Alans	claims that a	nch was the
processing the same of the sam		/		
Con 1	on The	as not I	1 -10	will not be
and a	43 wo	as not ?	aken up becan	will not be

MOV 12 1903

The totang up of the lett was murtine of the Saturday neutry I was no Drauge. It Seems that un Dilling diel not got thought-2- 91 Seines that this lettles ship get wules it is very light & have given develores to report to me the net time it fails todam so I may See the condition 11-27-25 3- Wo Wason well a se steps to stop stopping this back, it has depped this occupant, if the is remedy let we know at mose The Chur Jupaino Rada Sthitch + was getting out encessary for washing a change while with gone about 10 5-15 To there was should fully the will go we should believe the will go we the first appetuntly. It is done not constitute will advers the first appetuntly.

NOV 20 203

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TROUBLE INQUIRY.

On Report of Clinker Grinder		•	Orange, N. J.,	Nov. 11th,1903.
On Log Report of Clinker Grinder On 2-40 Department Clinker Grinder Waiting Waiting Are fuse blocks on Elevator 131 of the proper kind? This Are fuse blocks on Elevator 131 of the proper kind? This Proport of fuse block getting hot has been made before and same question asked. It would be easy to fave a home made block that THOMAS A. EDISON, General Manager. By Thomas A. EDISON, General Manager. THOMAS A. EDISON, General Manager. The triangle of the function of the proper kind? This THOMAS A. EDISON, General Manager. The triangle of the function of the proper kind? This THOMAS A. EDISON, General Manager. The triangle of the function of the proper kind? This This is the proper kind? This THOMAS A. EDISON, General Manager. The triangle of the proper kind? This This is the proper kind? This This is the proper kind? This This is the proper kind? This THOMAS A. EDISON, General Manager. The triangle of the proper kind? This This is the proper kind? This is the	űr	H.S.Moulton,	Manager	
Department Shit down- Elevator Bo. 151 bley fuse, fuse blocks very hot. Waiting to get spill from under tell pulse, fuse blocks very hot. Waiting to get spill from under tell pulsey fuse, 151 elevator. Are suse blocks on Elevator 151 of the proper kind? This report of suse block getting hot has been made before and same question asked. It would be easy to fave a home made block that wouldn't get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. The minimise that was forward to the fuse the format and formal that considerable dust and reformal that considerable dust and reformal that considerable dust and reformal that considerable dust and the fuse block which would carting a the parts in contact. Quice further than the fuse there we would be suffered to the fuse there we would be suffered to the fuse there we would carting a the parts in contact. Quice further than the fuse there we would be suffered to the fuse there we would be suffered to the fuse the fuse there we would be suffered to the fuse the fuse there we would be suffered to the fuse the fuse there we would be suffered to the fuse the fuse there we would be suffered to the fuse the		Log		Nov. 8th,
Sint down-Elejator. 30. 131 play fuse fuce blocks very hot. Waiting the get spill from under tell purity No. 231 elevator. Are fuse blocks on Elevator 131 of the proper kind? This report of fuse block setting hot has been made before and same question asked. It would be easy to take a home made block that wouldn't get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, GENERAL G		2-40	Report of	Clinker Grinder
Are fuse blocks on Elevator 131 of the proper kind? This report of fuse block getting hot has been made before and same mastion asked. It would be easy to fave a home made block that wouldn't get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. The middle for the strength of the fuse block that winding to the form that the fuse block and the fuse block and the fuse block and the world carting of the parts in contact. During the fuse block which to would carting of the parts in contact. During the fuse block is the fuse block to the fuse block to would carting of the fuse block for and leasted to my without the world carting of the fuse block for and leasted to my without the fuse block for the fuse block to would carting of the fuse block for any without the world carting of the fuse block for which the world carting of the fuse blocks for any without the world carting of the fuse blocks.	tem_		Department	appetroops to produce the second of the second
Are fuse blocks on Elevator 131 of the proper kind? This report of fuse block getting hot has been made before and same mastion asked. It would be easy to fave a home made block that wouldn't get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. The middle for the strength of the fuse block that winding to the form that the fuse block and the fuse block and the fuse block and the world carting of the parts in contact. During the fuse block which to would carting of the parts in contact. During the fuse block is the fuse block to the fuse block to would carting of the fuse block for and leasted to my without the world carting of the fuse block for and leasted to my without the fuse block for the fuse block to would carting of the fuse block for any without the world carting of the fuse block for which the world carting of the fuse blocks for any without the world carting of the fuse blocks.	to	get spill from unde	tall bulley No. 131 el	ocks very hot. Waitin
report of fuse block getting hot has been made before and same punntion soked. It would be easy to take a home made block that rought to get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. To explanation. It midwight Nov. 18 th took the fune block part and found that considerable dust and made from that considerable dust and made from the forex block which would centure a the parts in contact. Never here the fune block to the fune block to which to would centure a the parts in contact. Never here the fune oblock to water the fune when the function of the function				
report of fuse block getting hot has been made before and same punntion soked. It would be easy to take a home made block that rought to get hot. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. To explanation. It midwight Nov. 18 th took the fune block part and found that considerable dust and made from that considerable dust and made from the forex block which would centure a the parts in contact. Never here the fune block to the fune block to which to would centure a the parts in contact. Never here the fune oblock to water the fune when the function of the function		Are fuse blo	oks on Elevator 131 of t	he proper binds This
THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. Correct to Mr. Good & Warmin To company the function of the strength o				
THOMAS A. EDISON, General Manager. erred to Mr. Good & Warm 13/03 for explanation. At midnight Mar. 18th I stood the fuse blove part and found that considerable dust and made found that considerable dust much and such fuse block which would easting a the parts in contact. During him the fuse block of an entact. During him the fuse block for and texted to may extent				
THOMAS A. EDISON, General Manager. erred to Mr. Good & Warm! 13/03 for explanation. let missinglet Nov. 18th I troy the fuse block part and reformed that considerable dust and made took contact between the words carting of the parts in contact. During the fuse block which would carting of the parts in contact. During the fuse block for not leasted to my waters.	que	stion asked. It w	ould be easy to have a h	ome made block that
THOMAS A. EDISON, General Manager. erred to Mr. Good & Warm! 13/03 for explanation. let missinglet Nov. 18th I troy the fuse block part and reformed that considerable dust and made took contact between the words carting of the parts in contact. During the fuse block which would carting of the parts in contact. During the fuse block for not leasted to my waters.	wor	ddn't get hot.	4	
erred to Mr. Good & Warm 13/03 for explanation. At midnight Mar. 18th I though the fuse blove part and found that considerable dust and made found that contact between the wind centing a the parts in contact. During him the fuse block was not heated to may extent			11/11/1	
erred to Mr. Good & Warm 13/03 for explanation. At midnight Mar. 18th I though the fuse blove part and found that considerable dust and made found that contact between the wind centing a the parts in contact. During him the fuse block was not heated to may extent			1/1/	
erred to Mr. Good & Warm 13/03 for explanation. At midnight Mar. 18th I though the fuse blove part and found that considerable dust and made found that contact between the wind centing a the parts in contact. During him the fuse block was not heated to may extent			The state of the s	
ored to Mr. word warmer for explanation. At midnight Mor. 18th I though the form blove part and reformed that considerable during the world contact which would entire the world entire the parts in contact. During the function of the parts in contact. During the function of the parts in contact. During we the function of the parts of the parts in the function of the parts of the			V IROMAS A. EL	Manager.
ored to Mr. word warmer for explanation. At midnight Mor. 18th I though the form blove part and reformed that considerable during the world contact which would entire the world entire the parts in contact. During the function of the parts in contact. During the function of the parts in contact. During we the function of the parts of the parts in the function of the parts of the		0 1	11/13/63	
part and before I that considerable dust and made had contact between the wine for which would carting of the party in contact. During her the fure object has not heated to my without the party of the form of heated to my without the willing without the second willing the second will be second will be second will be second will be second with the second will be second with the second will be second	eferr	ed to Mr. God 9	waner for exp	lanation.
part and before I that considerable dust and made had contact between the wine for which would carting of the party in contact. During her the fure object has not heated to my without the party of the form of heated to my without the willing without the second willing the second will be second will be second will be second will be second with the second will be second with the second will be second			./	
and made had contact between the world pure and first block which would cating of the parts in contact. Rung ben the fure block has not tested to my waters	ar	midnight	ner. 16th I took	the fuse block
runial and first block which would eating a the parts in contact. During the the function of the wat texted to may writtent	apo	ert and before	ud that coise	derable dust
run wind and pless block which would eating of the parts in contact. During the the few iblock has not heated to my waters	ha	d made too	contact between	eu the wine
village, N.J., "1/25 1903 affer tricke	tin	muial and	Lucy block i	wheel would
village, N.J., "1/25 1903 affer tricke	-			- + O
v Village, N. J., 1/25 1903 afford willie		1 (
V VIIIage, N.J., 11/25 1903 affer welle	7/			
ask Graf welle	The	. /	volver was seas	200000
ask Graf welle	The	. /	volver was seas	7,000
ask Graf welle	The	. /	wirey was ten	100000
ask Graf welle	an.	. /	volvell was sear	
ask Graf welle	an.	. /	volvey was war	
	0	y extent		50
2 1908	0	y extent	11/2/ 1903	
	ew V	'illage, N. J.,	11/2/ 1903	

Brange office

Number	290	

TROUBLE INQUIRY.

			Orange, N. J.,	Nov. 11th, 1903.
Mr	H. S.	Moulton,	Manager.	
	On	Log	Report of	Nov. 7th,
Item	7-00		Department	Crusher Plant
Weiti	ng for sp	eed- Running	slow speed, trouble	with fuses blowing
-in-sw	itchboard	in Engine I	louse No. 1:	
	Why	did fuses b	low in engine house a	nd no load on belts?
What '	was the m	atter with	witchboard?	
	-		1 10	
			101	
			U	
			THOMAS A. EI	DISON, General Manager.
eferred	to Mr.	Goody	Mi 1/13/03 for exp	Innetion
			ioi cap	ididition,
noc	luis 7	the mat	ter with swit	Elboard, Im
caus			switchboard	
Ben				, I operated
avec	choar	a mays	up and form	ud apparatu
O.K.			tions are herin	
earh	swit	chbraso	so that al	ryme by
foel	mun:	Then e	an properly	operate toan
0	0		('	
	-,			
lew Vill	age, N. J.,.		11/161903	0.11
	207	Heu		RH. Good Willie.
V 1219	03 //-	16-23		

Overson Suffer.

NOV 17 375	Number.	291	
		y	7

TROUBLE INQUIRY.

			Orange, N. J.,-	Nov. 11,1903.
Mr	H.S.	Moulton,	Manager.	
	On	Log	Report of	Nov. 7th,
tem	9-3	i6	Department	CrusherPlant
Stop :	feed- Bear	ing loose o	n 3d set 36" rolls.	Marked of
	Why d	id bearing	get loose on 3d 36" r	colls? Were any
adjust	tments mad	e just befo	re they got hot?	
			———A—	*
			4	
			11/	
			1 IV	
			THOMAS A. ED	ISON, General Manager.
eferred	to Mr	Pu	11/3/03 for expl	lanation.
02	timbe	main	cause was	dur. To exception
otra	in a	ud vil	ration, cause	d by bad con
dita	ion of	wolfer		0
The	1 below	rica di	I not not ho	L. But our on
1			SI glar case	did - Cause -
141.				collar on and it
1.				cition of wolther
100	my.	071 0.00	our of cond	win of worrier.
	· V			
VIII	age, N. J.,_	11/1	€ 190 ³ ←	
ew viii	age, 14. J.,_	-4/-		mover.
2	11-19-00			marrow.
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TROUBLE INQUIRY.

		Orange, N. J.,-	NOV 11:3 1903
Mr.	H. S. Moulton	Manager.	
	On Inspector	r's Report of	Nov. 10,1903
	2467	Department	
	cracked, informed by	from rear and left provided by J. Martin. Dilts.	or Roaster No.1
	ewhere? Do you dope		of Ingtion
af	lerk gut this	cle of ottock	DISON, General Manager.
Refer	ed to Mr. 2 Pa	chefor ex	planation.
to	- ufer to evy 1	28 white The	- repers to
	Idas Six thes	e is enough	weight, and
C		iled Continu	vally with oil
	Aust dryin	& mp oil, or	not enough
	moist with	toil,	Cover 1
Vew V	'Illage, N. J., 1	1-16 190 3	Alm

to Conveyer a to Conveyer a the reason bastered at to tension	to evit	Social Clina Contraction	esa La
Clamps and occationale of occationale would the scat amount of the sails dry in a	be no p must of Mould few mi	ood, as drist	Them

TROUBLE INQUIRY.

			Oran	ge, N. J.,-	M	7 7 75 (31)
Mr	H. S. Mo	lton	Ma	nager.		
	On	Inspectors		_Report o	Nov.	10th,1903
Item	2485		De	partment		
Gears	driving b	id clinker co	onveyor a	are dr	y? Rader	, keep them don
						wed to get dry
			1			
		4)	4,			
			77			
		V	lт	HOMAS A	EDISON,	General Manage
Referre	d to Mr	Radu.		for	explanatio	n.
The	se ase	duties !	That I	beling	To bus	nes's helfre
an	de fre	has to	icen	mor	meted	as to this
here	-Thules	1 The For	eman	- min	st su	There rule
eru	sied a	ut. 71-	re h	effres	To bu	mir has
pl	enty.					ese am
1/20	ep 11	um ol	opeel	C,		
New Vi	llage, N. J.,	12- 1	2	190_3	7.	<i>h</i>
ockho	4				(M)	Kades
12-16.	-03				7-7-	

Brand office

		(1/2) g	Number	2003
TROUBLE	IN	NQUIR	Y.	

	0	N	NOV 13 :903
Mr. H. S. Moulton		ge, N. J.,	300
		-	
			Nov. 11th, 1903
Item 2510	De	partment	
L rubber on belt	of Con. #111 1	s wearing or	n wood on dust curtain
ary have it fixed			, , , , , , , , , , , , , , , , , , , ,
		-1	1
	/	11/	1
Could_not_Pingress_man_	have_noticed a	a deforted	this to him?
911	/_	///	/
Illunk of Pen	gree Keeps	Hounds	ag at his mond (
will in teme	I fend this	e all r.	2 Rt-
) / _T	HOMAS & E	DISON, General Manager
Referred to Mr.	Jan 20. "/	17/03	· · · · · · · · · ·
Referred to Military	- June	ior exp	bianation. 2 mg
(t/20			
But The cla	so of me	400 -1	fave can voily
sea our The	in at	1 time	au con
	1	a during,	
Man are i	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		The discharge
of Their des	12	1	en enough
	Section 1	a parce or	14.
-			
	110		
New Village, N. J.,	<i></i>	1903	
lostus los	m	Ju	1-15/0
1903 /1-1	4-03	0	
(to			
6.1.7.			

Brand offer

TROUBLE INQUIRY.

			Or	ange, N. J.,-		MAL TO PA	U.S
Mr	н. в.	Moulton		Manager.			
	Оп	Inspecto	rs	Report of	No	v. 11th,1	903
Item	2513	2514		Department_	(Ü.	
2513	Skip ho	1st motor	sparks b	adly. Barne	s proba	bly wants	cleuniz
up.						0	
2514	Motor	driving gi	ant roll	feed is ver	v dirte	Barnes	when a
this inpec	ted las	t?			1/1	P	- NIIGII
				7	777		
					1		
Did_B	arnes_i	nspector r	eport th	is. Was it	dirty a	nd had it	heen
visited re	gularly	by Barnes	man. T	here a ppear	s to ha	ve been no	
inspection	of Cru	shing Plan	t_on_11t	h as evidenc	ed by to	emperature	
Why is this		_		THOMAS A.			
					,	fr.	anager.
Referred to	Mr	Ban	~ · ·	1/17/03 for	explanati	on.	
513 June	Clean ming	up ti	tis On	otes perso	rett da	ily mhe	h
1514 M	ation .	ua Ca	at &	spected	94,10	Medini	<u>'</u>
	are G	at ini	74.=	Chamb.	an 1.	1.11	
and 1	mopie	ta not	- hour	ine/ hi,	Lamb	auti	Prini.
_did		nohen					11-12
- toc	<i>F</i> 2.	looke.	thi. C	matte in	h an	11 Soul	rh!
to	Am.	1 Min	Denta	· Veril a	lesto !	de !	-
RI	portu	Mus &	cotios a	in/us	no to	10-11/11	
		(nov. 1		190 %		1	
(own)	,,	,	7-7/	- W	40 La	me	1
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					/	/	

Il Suno to me that here Should for the Skip Car ducy as the on Il romation in load & mousing deal of allulary. 11-15-03	get a Sincery motion a sports backly on account. It sugarmes a great
$\label{eq:section} w_{ij} = -\frac{1}{2} \left(\frac{1}{2} \left($	TR Part Nature o
	TROUBLE INQUIRY. Department Part Nature of Trouble

The Strong

Number 335

TROUBLE INQUIRY.

Edison Portland Cement Company.

Orange, N. J., MY 13 99. Mr. H. S. Moulton Manager. On Inspectors Report of Nov. 11th, 1903 Item 2515 Department Wire securing cap of filter cup on front right hearing of where gridder \$2 1a broken. Moyer. Oouldn't man charge have seen this and raported to foreman? Witness any way wear and the and raported to foreman? Witness any way wear of the land raported to foreman? THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. When allowed a factor for the following the manager of the following for incoming of the following for the following for the following for the following for the following of the f				
On Inspectors Report of Nov. 11th, 1903 Item 2515 Department Wire securing cap of filter cup on front right hearing of mer grinder. \$2 ta broken. Mayer. Couldn't with charge have sen this god reported to foreman? The three any way may again the god reported to foreman? THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. Where adjusted in the following by repleating of goderner by the following the following the following the filter has had a Teau. The three adjusted in the Claumes he gode in the following the follow			Orange, N. J.,-	/ NOV 1.3 1903
Thomas A. EDISON, General Manager. Where accounting the following the Colombia of the Colombi	Mr	H. S. Moulton	Manager.	
Wire securing cap of filter cup on front right hearing of mker grinder \$2 to broken. Mayer. Couldn't my in charge have seen this and reported to forement To these any way man again to other without Maryle otherwise these to the fact of the security of reglect of THOMAS A. EDISON, General Manager. The Man attending the Adla has had a Tean of gettered to Mr. Will for explanation. The Man attending the Adla has had a Tean of gettered to the second of the Clause he gett the Security see the Way surrounning alleged I to the the Security and got the Tot these things to the things when brother to they are as way functioning a Manufact so the section to turking a " but the disparent put of the Butt that would be the using much in the though the things of the things of the second of the		OnInspecto	rsReport of	Nov. 11th, 1903
Couldn't much charge have seen the and reported to foreman? Where any way many affective without directly of reglectly there will a be reglectly the seen that a beginning the letters of reglectly the Man affective of the Man affective of the Man affective of the Man affective of the Common the Color of	Item	2515	Department	
The there are way many and glow do there we then I denote of the way be neglected to the way be neglected to the way be neglected to the above of the property of the part of the the the test of the same and a tesa of getters on the above of the bother of the same the fall of the left was before the fall have been and got the fall of the best with the fall have been and got the fall of the same thank the same that was been about to the fall of the same thank the same that the fall of the same thank the same that have the same thank the same	nker gr	Wire securing cap cap cap dinder #2 is broken.	Moyer.	right bearing of
THOMAS A. EDISON, General Manager. THOMAS A. EDISON, General Manager. The Man affection the Wills has had a Teau of governed in the Wills has had a Teau of governed in the Wills a Beauty some the Cell' that he Cell that amounts of the light of the light Supering and of all South is have Ministed thinks the Cell that amounts of the light of the light being the del that amounts of the light of the light thinks the Cell that amounts of the light of the light without building to be you as we greathers of about the South without building to the through the feet the count, the Built had would be used guilding in the Phot through the feet the count, the Built had would be used much in the way for a young the South of him language amounts in the ew Village, N. J., That I 190	cou	- Masa	W 7 10	
the Man attending the Adla has had a France of getters on the Ither a water the Call has had a France of getters on the Ithers a water a had a France of getters on the Salles a water of the gold in horke that him leit Was amounting alleight I the the water of the w	othe		arings will call	vay be neglected
the Mine attending the holls has had a team of getiener in the all these Bearings since the all all and getiener he will all all and have been and got in the horker than the cell these enversages allingthed to the horker thanks and got all all the horse the house of house the house the house the house the house of house the house hous			V THOMAS A. E.	DISON, General Manager.
of gotiers in the letters Bearings meet the Cell of Allors affecting the Country of the Country of the Country of the Country of the Looks Bearings and of Order of But is have Ministed times the horse Ministed times the horse the horse through the way to us way functions of children soft on the world to the form of the through the first will be of the world to the wo	Referred	to Mr. Ofne	1/17/6) for exp	lanation.
John gotherson sin the Whitesa Bearings since the all for gother in his hard by Walled a facility to the house he gother in his hard before the house he for his house the house of the house of the house the house the house the house the house of the house the house the house of	7/1	Man attend	line the Rolla L.	a lada Za
blight his Cil Was amounting allegate I the lass Beauty and got Celt I have the have Manuell brance the Look Read To the the things. I have bested in to they to an an every present in the state of the south of the state of the south of the state of the south of gallow in hose of hotel though to be the count, the south that would be used guilden in the world be used guilden in the world he would allow in the world the south of guilden in the or the world and would be used on the state of the south of the sou	of g	going in To		
Characterizer and got aut to the hand is hand Manual Cleria. The Lord Rout to the read for the hand through The both of the to the way fundament of the through without building a " build lived in freed of het." Means an got in hand without building a " build lived in freed of het. Means an got in hand would be using much had from the through to be the count, the Build lived would be using much in the way for asymmy 9th of the lived in the first will we wing much in the way for asymmy 9th of the willing any state in we will say, N. J., I fall I I 190	That	Chis Ce'l War		he goes in Looks
I have looked in to them of so, we way of wardening is attracted yether would be the them of some would like the theory of the theory of the country of the forest them of the forest them of the forest them would be would getting in helps of that though he has to come of the forest limit would be would be would account in the way for asparing the sold them through account in the way for asparing the sold them through account in the way for asparing the sold them the sold account in the way for asparing the sold the sold them the sold the sold them the sold them the sold the so	Bear	1 . 0 ./	1- aut & But	
develored teaching a 4" build lead in prod of bett. Secondary got in true would be to be using in defect of his through he has the counted. He Build had would be using neutrino the way for uponing 9th . De how through superior was the way of	Tuna			
worthand galling in legger of part shough he has take county. The Ball hand would be very much in the way for expanying the job home through much be say for expanying the job hand hand any that we will shape myore.	with			
be very much in the way for upany 90, so bour larged men that we now Willage, N. J. Mary to your		ul gelling in light of the	et strongh he has tobe a	rund . The Bull line sounded
ew Village, N. J., 190				
proper the property of the service o	ew Villa	ige, N. J., ///	70	July tour
TE-13-03	11-21-1	03 10000		14 Dure
	,,	12-13-03		

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Brown 17 - 5 - 3 . 33

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Number 2016

TROUBLE INQUIRY.

		Orange, N. J., 107 113 1303
Mr. H. S. Moulto	n	Manager.
OnIns	pectors	Report of Nov. 11th, 1903
Item 2517, 2518 &		
		girder supporting gear shafts driving
3rd 36" rolls isla	ose. Pingre	e set up.
2518 Diito 1st 36"	Rolls in Cr.	Plant, Pingree Set up.
2519 One bolt loose rolls in Cr. Pt.		otting rear right bousing of 2nd 36"
Couldnt man in char	ge have seen	and reported this to foremen.
AIT		
() U 6	()	*** *** *** *** *** *** *** *** *** **
	SHEET STREET, COMPANY OF THE PARTY OF THE PA	THOMAS A. EDISON, General Manager.
CANADA PARTIES AND		11
Referred to Mr.	ugue	1/17/63 for explanation.
Theor bolis	1-1-2-14 7-4	anted lover to un and
in Turn of	> portid	reasure to Master Mechanice
) song two	or Harry	days previous to Suspection
mport.	Poll men	show to be watching for
		to antimally.
		be withe may men but at
They time 2	Gresher	Thank does running.
New Village, N. J.,	11.00 - 17	
every	_	- Pingmy
11-21-00		

Work book it would have been attended to two would have a record please arrange that record please arrange that record please arrange that record please arrange that record put on the lefficient and TROUBLE Work books - Command you asknow that men at meeting trung there are the books - Command your asknow that men at meeting trung the down the verbal commanded with the verbal com

82. Noted. He have designed a deeplecation of the book for esser of mill Termen be und the selen that when they lived wolling or the Toronom - they sell have a Group of the preams of the deeplecating feature of their order books and then at the supple the Court of the params Toronom will hand in to the supple the Court of the params Toronom will hand in to the supple the Court of the feature of order essent by them. which Carbon Copies will be passed up to one Supple and entered up in the work order took. The Sufficienting books are doing prepared and in hope to have then on these in these of food days.

Brandenth,

Number ×a.×

TROUBLE INQUIRY.

	Orange, N. J.,-	NOV 18 DOC
Mr. H. S. Moulton	Manager.	
OnLog	Report of	Nov.11th,1903
Item Clinker Fine Grinder	2 Department	
Elevator blew fuse as		
buckets of elevator to lig		
	()	
	un.	
Why did elevator blow fu	ise the moment load/we	nt on? There must
ething wrong with this elev	vator, motor or fuse.	
Tuses are supposed	to 600 10 2-1	times normal
toat - 2 alice the	Soliday 1	wrong
Load - I due on	THOMAS A. ED	(SON, General' Manage
	1:	•
Referred to M2 Good +	1:	•
Referred to MA Good 4	1:	•
Referred to Mr. Good of	- loanu 11/25/03	anation.
Muite at Read of to	Spul the load good 132 to Con 132	anation.
	Spul the load good 132 to Con 132	anation.
Muite at Read of to	Spul the boad going 132 to con 132	anation. wow our over flow when the on their pass
Ablen recomes slow About at Read of the Lord is though a library to	Spul the boad going 132 to con 132	anation. I our over flow on them fan our thing pan the our on 132
Ablen recomes slow About at Read of the Lord is though a library to	Spul the load go in 132 to con 136 all the Con 136 all the all	anation. In our own flow. I when the pan the pan on 132 on our on 132 on our on 132
Allie remmes store of the store	Spul the load govern 132 to bon 130 miles all that of 120 miles all that of 120 miles bonding in the March bonding in the March	anation. When the pass the out on 132 or our office of fort of fort
Allin runny slow Abut of Real of the Stand is there all to be a stand of the stand	Spul the load government of 182 to con 196 on 196 o	anation. I when the passe the many 132 m commented to good street to be freeze to be the many the many the many the many the many to be the many t
Askin runny slow Alute at Real of the Load is thrown a through sollate part the Samp thus Con 130 get and this dillow almost doubt to	bopmen the foat govern 132 to con 130 heat of the Con 130 heat of the Con 130 heat of 180 hours of 180 heat of 180 heat of the Con 130 heat of the	anation. I when the passe the many 132 m commented to good street to be freeze to be the many the many the many the many the many to be the many t
Allin runny slow Abut of Real of the Stand is there all to be a stand of the stand	bopmen the foat govern 132 to con 130 heat of the Con 130 heat of the Con 130 heat of 180 hours of 180 heat of 180 heat of the Con 130 heat of the	anation. I when the passe the many 132 m commented to good street to be freeze to be the many the many the many the many the many to be the many t
Askin runny slow Alute at Real of the Load is thrown a through sollate part the Samp thus Con 130 get and this dillow almost doubt to	Spul the load government of the load governme	anation. I when the passe the many 132 m commented to good street to be freeze to be the many the many the many the many the many to be the many t

"2- Tuess are not supposed to blow at 25 time normal board but at 25% above their rated capacity. On all 50 P motors we found carry 225 amp. fusios, These fusios should carry 225 amp. continuously, and blow out at 20% above that figure i.e. 250 amperes, Man if elevator has beauty board current will easily rise to that value in starting or running slow. But to properly protect mults we carried was a larger free,

Costm_ 11-30-03 TROUBLE INQUIRY.

Department

Department

Department

27232

Brown growth.

Number 347

TROUBLE INQUIRY.

		Orange, N. J.,	1101 301 1300
Mr	H. S. Moulton,	Manager.	
	OnInspectors	Report of	Nov. 12th,
Item	2526	Department	
Brac	ket supporting filter		aring of chalk
gri	der is very loose. 3	d notice. Dilts hav	e change made as
d±re	ected.		
		1 h 71	4
	Thy third notic	02/	1 +
11	4 ->/ (Contain	11 1 1/	
Wil	hold botto	they still	Continue to
a.L	0 1 0 1	theid half	
0131	Leone de	the second	•
ſ		THOMAS A. ED	SON, General Manager.
Referred	to Mr. Dutto	"//4/63 for expl	anation. 2010
	Th.	ye Balt Mai	co heers.
Lore	serving up his a	Your Short To	in after
-/c;	in Alas Timed &	novermit of he	ine 16 Bocken
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134	(ACPH 17.71 3/1)	BMA 9 HA/27	hercan Hhi Do
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	2.	mulled state	that I be done
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yer.	believe the bester	way to fix this is.	To make Julter ent
So tid	to the place of ET	Julling Patt 154	16 Sub A 430
iew Vil	lage, N. J., (1-1-1	9/1/1903	
	when when	A).	21/15
2 4 1909	11-19-03 11-30		
8 1903	11-14-00	other side of sheet -	
	1. 2 Dele	WHILL WATER	

NOV 221 2003

Grandoffice

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Number 351

TROUBLE INQUIRY.

			Orange, N	l. J.,	1101 32 1 1,000
Mr	H. S. Mos	ilton,	Manager	г.	
	On	Inspector	rsRej	port of	Nov. 13th,
Item			Departm	nent	0il & Bearings
Cotter	pin wanted	in thrust	cap of moto	r drivi	ng Conveyor 125.
					,
	Why die	n!t Barnes	Inspector	find th	is out?
4					
Ja V	thato	tuly a	Kunse	-	laman
Togging	Thing	morde	2 marin	1 00	emology? I chal
wood	my L	enother.	4/15	12000	mariantan
		11	11	The state of the s	
	40	KG	N Lean	16 1 5	V40V 0
	\vee	V M	THOM	AS A LA	LSON, General Manager.
	/	1 NOAN	11/10/10	A STATE OF THE PARTY OF THE PAR	4
Referred 1	to Mr.	1410	The state of the s	2_for exp	lanation. 2 Banus 1/2
	71	10000	-		
,	16.	waster of Or	10	7/	01 11
	11.8-6 44	111 918	Mou	face !	hould be a pin
-	The state of the s	filmer	ans	ngher	to donate most
	The state of the s				a motor in
4			Condilio		
	witch	7	veil is		
	1 mas	quite	an easy		The to ansloot
k	hud a	Dmall	mottle	- a	- a hund
a	Marc à	tà, no	+ becau	-21-ti	tien by ant
l	nes la st	my dru	11.010		Harris Jate Car
	working	401 0000	ula ocu	100	
	ze, N. J.,				inces attays
lew Villag	ge, N. J.,	May 19		903 N	
	Loffer 11-19-03	Voc 19		903 N	Bann

Drawy of Fred

NOV 30 303

NOV 21 903

. 353

TROUBLE INQUIRY.

The H. S. Moulton, Manager. On Inspectors Report of Bov. 13th. Lettern 5072 Department 011 & Bearings O11 lesks ground thrust cap on motor driving Conv. \$137. Nover. Why didn't Barne's Inspector find this out? Other of a ferrous of hour of the conference of t					
tem 5072 Department 011 & Bearings 011 leeks ground thrust cap on motor driving Conv. \$137. Nover. Why didn't Barne's Inspector find this out? Steam of the Convertible of the Convert	Mr				
Old lacks around thrust cap on motor driving Conv. #137. Nover. Why didn't Barne's Inspector sind this out? Drew found for your dept of the Convert of the		On	Inspectors	Report of	Nov. 13th,
Thy didn't Barne's Inspector find this out? Drem of real decreases of shored to Secretary of Se	tem	5072		Department	011 & Bearings
Event of and persons it should be seen of the sound of the sound of the sound of the seen	011 1	esks groun	d thrust cap o	n motor driving (lony. #137. Moyer.
Event of and persons it should be seen of the sound of the sound of the sound of the seen				-	
See portent of felood Copy on the defendent Manager. The found but did not think it directly and many mere and leght without to play the action and me should help and the play to play to play the many many mere all help and the action to play the many many mere friend a dear and the play to play to make many many mere friend as and many the mediant many that the mediant many the mediant many that mediant many the mediant many that mediant many the mediant many that mediant mediant many that mediant mediant many that mediant media		Why d	lidn't Barne's	Inspector find th	is out?
See portent of felood Copy on the defendent Manager. The found but did not think it directly and many mere and leght without to play the action and me should help and the play to play to play the many many mere all help and the action to play the many many mere friend a dear and the play to play to make many many mere friend as and many the mediant many that the mediant many the mediant many that mediant many the mediant many that mediant many the mediant many that mediant mediant many that mediant mediant many that mediant media	60	-7.	٨.		
teferred to Mr. I am of so for explanation. I frame will so for explanation. I frame will so for explanation. I frame of some of the sound of the so	1/2	ren it	Trail 5	berious i	tohacol 6
teferred to Mr. I am of so for explanation. I frame will so for explanation. I frame will so for explanation. I frame of some of the sound of the so)	· C	
referred to Mr. I wish of oles for explanation. I from the found but did not think it accounts by any mean many the file withing and me the file within the flight for attitudes, and me through the act field and file and file the file of the file	200	artes	il a Kek	ed lock on	il dept if
eferred to Mr. I and "10/03 for explanation. I forms me found but did not think of living by any mes and light author blight as atterness, and me should but, and foll to there tooch mot you came the priced as any to there tooch mot have then the mail post of breshest do not have then at and most format the breshest do the Repair Leales at all time. The Willage, N. J., that of 1908 Willage, N. J., that of 1908 Willage, N. J., that of 1908 Willage, N. J., when	-0)-4	1	(1)	101	
Mercather pre and hard and that it it author by any mercather pre and hard all hale without to flight an attended and find to flight to flight to all make a case are the select or and medicate of and from the property of the flight flight to the mail partillal from a recent to flight flight flight flight of all time. The village, N. J., Mar 19 1908 W. Dame	VA	Cour	7 01	CHOMAS A. E	DISON, General Manager.
Mercather pre and hard and that it it author by any mercather pre and hard all hale without to flight an attended and find to flight to flight to all make a case are the select or and medicate of and from the property of the flight flight to the mail partillal from a recent to flight flight flight flight of all time. The village, N. J., Mar 19 1908 W. Dame			1111		
Mercather pre and hard and that it it author by any mercather pre and hard all hale without to flight an attended and find to flight to flight to all make a case are the select or and medicate of and from the property of the flight flight to the mail partillal from a recent to flight flight flight flight of all time. The village, N. J., Mar 19 1908 W. Dame	eferre	d to Mr	1 almo	19/53 for ex	planation, I Banno
hereath me and never all high author flight for attending and me thought here and flesh here and flesh here and flesh here and flesh to and flesh to and flesh to a and flesh to a flesh to					
hereath me and never all high author flight for attending and me thought here and flesh here and flesh here and flesh here and flesh to and flesh to and flesh to a and flesh to a flesh to			U		
hereath me and never all high author flight for attending and me thought here and flesh here and flesh here and flesh here and flesh to and flesh to and flesh to a and flesh to a flesh to				1 - 1.1	1 6 12 1 . h
hereath me mill never all hale without flight for attack and me should hale out the to the flight to the and man are freed a sun major to make the mail gartella! There were the mail gartella! There is now the light of the stall down. The light of the sun was a sun of the su			// /		
plight for atterance, and me should hill aid feel to for flushed hills aid feel to flushed to call makes, came are friend as and problem to the stand partillaid areas a succeed to know the areas ball time. He will all times for the flushed to the flushed at all times for the flushed areas and the flushed areas are all the flushed areas and the flushed areas and the flushed areas are all the flushed areas are all the flushed areas are all the flushed areas and the flushed areas are all the flushed areas areas are all the flushed areas areas are all the flushed ar		Lerio	is his a	my means	
plight for atterance, and me should hill and feel to for the and feel to the and for the and for the and for the and forther to the feel of the feel of the feel of all time. The will all time the super feel of the feel of all time.		1	H to	· 1/ 1.6. +	11 /2/ 1.4
to florent book inches came are fried as and Perspectus Do not have him to the was portular! Gener mode to Repair backs of all time. Jew Village, N. J. 1908 all time.			1 11		. // /0/
Englecter do not have have the wait gentilla! Bene, noch to Papar licks at all time. lew Village, N. J., Har I 9 198 all time.	1				
Open as rich the Repair leaks at all time. Jew Village, N. J., Man 19 1903 and James	20				
lew Village, N. J. 140~ 19 all Jumes	Ozes				
were worker Wolldames			111 ./4		/-
	ew VI	nage, N. J.,	materia		Manne-
	la inc	11-19-	3 11-27-13		

Franky offer

Number 360

TROUBLE INQUIRY.

Mr	н. S.	Moulton,	Manager.	
	Оп	Log	Report of	Nov. 12th,
Item	11-25		Department	Roaster Dient
onut dow	m - Apron	between re	oaster and cooler br	oke in two, part of
it_come_	down-in-	ecoler.		
	What i	s cause of	apron between cooler	and kiln breaking?
this did	n't do s	8_well-as_c	old fone. Can it he	made-so-that_dt_will
be perma	nent?		1	-TTTM-0-1-0-01-0-0-01-0-0-0-0-0-0-0-0-0-0-0-
			-011	
		A	1 1	
			1111	
			THOMAS A. ED	ISON, General Manager.
			-V	
Referred to	Mr		for expl	anation.
The	Suel 1	had won	a out and the	1/4 1 2 2 1
me the	June	it Sum	el to how less	+:4 .1.0=
Gap. (mit if 6	naulled	all the way down	M Harman
Than	aun.	due to the	and mune	Lower along tions
1114-02	- win	u we c	while huguity to	batch similar
-geo-el	- heed	(, ~	luc put the	almon ni
hory	nclas	So the	chuster would	I wear on tall.
ov Village	N I	11-	18 3.3	
on rmage,	111 311-			u
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N 18 Jang)	

. Grand History

Tel on

Number 364

TROUBLE INQUIRY.

			Orange, N. J.,	NOV 117 1903
Mr	Е.	S. Moulton,	Manager.	
	On	Log	Report of_	Nov. 15th,
Item			Department	Roaster No. 2.
Shut	down - Heav	y pattern id	ler broke put new	one in, and tighten-
- ing p	lates on f	lango.		
	Vine +	he honer 141	on one with double	walls made by Sessions?
	mas t	ne newy rure	one with double	Walls made by Sessions?
			110	
			. 10//	
			1 10	
			1 10	
			THOMAS A. E	DISON, General Manager.
			,	
Referred	to Mr.		or ex	planation.
-yrs	tus in	as one ma	de by Season	, from hisny pathue
96	itigraphy	Sum	to hald up furthe	astings and Sent
Hu	m a split	the to change	- pattin Some	tal would be 3" thirt
Kin	alsos	unch it a t	lette theeter at	Rub.
		rock freme o	ell around sin	it was It " think
	Y/XV/7	Change	1 6 3"	
	19 19	0		
	MA			
	, ,,			
New Viii	age, N. J.,		18 1903	·.
			· Losh	111 00000

browner offer

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TROUBLE INQUIRY.

Edison Portland Cement Company.

			Orange, N. J.,	NUV 17 1903
Mr	н.	S. Moulton,	Manager.	
	On	Log	Report of	Nov. 14th,
	9-52		Department	Chalk Plant
Shut	down- Loos	e plates, one	broken, tightenir	g plates, and re-
Drac.	ing broken	one. Plate	ran 8 hours and 5	minutes.
,	How d	1d plate bree	-	h
two -				did plate break in
_ two r	parts? Why	this new tro	uble of Poose plat	
		·		
	1. 0 6			-
= +	1962	walle	ALCOCK C	exper
	101001	OG MEECO	1	(
			THOMAS A. EL	ISON, General Manager
Referred	to Mr.		for exp	lanation.
		(Eder Paden	- Thur hould
(N.	Poda Dial	is in but no	Mary Comment	Some had son
Vetn	his Land lot	via alti	Plant in I II	et of platin bus
The	e hedre	and it this t	Along my pure	account of this
) dit	Out Pec	ilinia la de	mi paraget	attention from
Jeh:	11011	11 12 12 19	is amount of	during from
ach	the last	101 porte	on account of	Cr Bore for this
001.0	die in it	I The		recontions which
X	the bester	prever for	when woney for	on Either Carese
	englises	4		
I 1/111		1 10		
audi	age, N. J.,	CHON- 14	190 3	2.11
11-21-	-13	1. Dun -	PILL	HED
		-		

NOV 1 9 1903 #2-

2- The Orlow is all night, part of the house was caused by It was were shop not growing the country to properly, we were somewhat disordamyed in the Mediamed algorithm of that and housetwarm of discount emitting late. for how taken presentant which of the (will present the home taken presentant which of the (will present the home taken against the states)

gramagalli.

TROUBLE INQUIRY.

gt -2 73

			Orange, N. J	.,}	10V 177 1003	
Mr	H. S. N	ioulton,	Manager.			
	On	Log	Repor	t of	Hov. 14th,	
	12-				Clinker Fine Grine	
		_slipped_on	No. 132 Con. Ws	dting f	or belt man to tal	lce_
-up-bel	t.		Δ	10		
/	Could	not the sl	ipping of belt	n con.	32 have been	
-antici	ipsted?		- I \		· · · · · · · · · · · · · · · · · · ·	
, 10	1.+	100 /11	, Masch	too	ay about	9*
2-10	Nacr.	Weep to			0	
the	s are th	es fits	my experie	uce E	xactly-Zdu	in
		V	THOMAS	A. EDI	50N, General Manag	er.
Referred	I to Mr	Pillu	y 1/19/02	for expla	nation,	
1 The			aben up seur			1
auce	2.201.12 + de:	simply:			The family	
the 1	Innelle	is that		e tab	1 246	Blugge
Trace	d fort	the owned	D the best		a up witte	w of
fact	10 min	422 D	a shovel w	ould	do more gov	d.
Thi	· staten	. 00//	/	£.	to the Chindre	
Gui.	deal to			u tra	ing been curd	19
2_	diaceas	e to a l	rage extent.			_
New Vil	liage, N. J.,	_h-	v 19 190	3 ,	7 00	
-lo	Au		,,		7 Pelling	_
77-	21-00				0	

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2	
	Pellings answer is all night I think except in
	is a time con the comment has not
	the case of \$1132 con the country has not
	the same to the contraction to and it contractions
	it 5 Lungs of deed the Special Valler is Set-lower
	the 5 dunys s. died the special rolling is set lowery. Then work the others there it has his wrop among the
	than mon the other than
	the head pully. I am going to my is the
	the head pully. I am going to by to raise they pully to get more wrops through it is to a one
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	awkward place.
	107ms
	-77-30-63
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	= 2
	2 3
	TROUBLE INQUI
	% 👼

Braken Style

Number 878

TROUBLE INQUIRY.

			Orange, 14. Ja	
Mr		Moulton,	-	
	On	log	Report of	Nov. 16th,
Item			Department	Crusher Plant
Shut do			- 17.	tricians investigating
i-	What wa	as cause of i	use blowing on c	on. 103?
	hyno	t fus i	ld Couls	e bence The
Ohect	was.	1)	- 103 h	as burned
_out	There	are too	many se	
bunk	mound!	! Comme	THOMAS A. E	DISON, General Manager.
Referred to	Mr. G	-o clavella	for exp	lanation. 2 - Goodwill
are	between	anna	found &	in contacts on
term	will -	board	. Cruse	unturm
notes	cont.	#103 N	il reat him	nut. Et span
tadly	+ threw	out sme	ender from	connection.
Prop	u car	e woul	d Lane prev	enter it from sp
as it ho		un nell		"cause unter
there as			experience ,	
looking	after		that it is n	ext to imposed
New Village,	N. J.,	"/	1903	0111 51
-COPY	lue.	1		Relt. Horr Willie
- 1903 //- 3	0-037	flud out	any thing	about them.
9 1903		12013-03	0	

NOV 25 1903

Number 378

TROUBLE INQUIRY.

Edison Portland Cement Company.

		Orange, N. J.,	SEV 418 (0):
Mr	H.S.Moulton,		//
	On Inspectors	Report of	Nov. 16th
		Department	Alle
mo	l leaks around sight glass for in No. 2 bin, Rock Sto	ck House tunnel	d bearing of Alche
	Did Barne's Inspec	tor know of Mid 3	V
	Jolle Poplar 12	Leading #	at on his
	spefffort to not		flight to be
-31	with the	Ady	
por	vens french protect	THOMAS AJE	DISON, General Manager.
Refer	red to Mr. Banux	1/20/03 for exp	planation.
	en Mais	Inspector.	-faiJ.11
	to Redat this		in Swed
	a sight door	h:	<i>)</i>
New 1	Village, N. J., (100 28	1903 /	a
	1-23-03	- Com	Panus

NOV 19 1903

661

TROUBLE INQUIRY.

	Orange, N. J., MOY 23 903
ME	H. S. Moulton, Manager.
) ^[1]	On Inspectors Report of Nov. 16th,
Item	2576 Department
But on ceiver.	union is bursted on small sir pipe in tunnel near air re- Kaufman.
	Who should have found this?
Jsa	A Charles
	and a second section of second
	0 / 005
	1147
	111/6
,	THOMAS A. EDISON, General Manager.
Referred to	o Mr. Raufwau "125-60 for explanation.
-	and admin station or all
1/4.	
7	· · · · · · · · · · · · · · · · · · ·
-7/9	I made such Practice
//	1 118
	my of felant. which makes
	Grederacy to delay and who woutil
- Light	There of which such londer
- de la serie	Line of which such lookes
New Village	There of which such londer
New Village	ender and can be controlled and a contro

Store of Street

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No...... 00J

TROUBLE INQUIRY.

			Orange,	N. J.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Mr	H. S. Moul	ton,	Manag	ger.			/
	On	Inspectors	5J	eport of XX	0000000000	Nov.	4th,
	2550		Denai	tment			
Bevel set w	gears dri	ving roaster g teeth.	#1 are w	orn badly.	Dilts,	order	enother
	Can't	this wear be	stopped	gears cos	st money	?	-
-[one al	Sout a D	Ceff.	Afran			
Referred 1	to Mr.		V	for expl		neral M	anager.
10		reting out				ellie	4
me	es th	Manyo	une	Stuto	und	for	I
the	place	with t	lentu	4 luth	. Hi	in	2
1 am	Cold 4	ill give	both	Huwati		va	~_
		ars has				7	-
Laut	thus a	a beard.	- + the	Laure	milest	1.1.	-
Set	vebrat	is Some	which	10 40	11 11 19	-	1
11.00	el qua	20, 3	thing(the 14		4-44. 6	- 2
wi	u solv	the prox	line	70.0	J	7	-
New Villa	ge, N. J.,		- 24	_190			
5 1203				CU/4	uc		

2 - Devoced great fram to 5 http: (Associate hed that regums some Su what can be done by beau	l day	t ch.
.2		
	Part	TROUBLE

TROUBLE INQUIRY.

_Department

TROUBLE INQUIRY.

VIr	H.S.Mon	ilton,	Manager.	
	On	Inspectors	Report of	Nov. 17th,
tem	2600		Department	
The boare we	ore of smal	ll pulleys on f dly. Barnes,	lexible drive co	upling of Con. 112
	What i	s cause?		
1.06	en the	e are ce l	of of fla	alogo en mill
nec	easty	whater	of the	100 mc 6
Their	ansk	red docum	THOMAS A. E	DISON General Manager.
eferred	to Mr	Hufust	V 1/25-/03 100 (X)	planation. 2 - Setto, 1-3-6 3 betts - friend 1-8
t		Bossel	IT not the products	rofferthing m
	- Table State	Tarak Maria		
The	in the hot	only The Co	aseon com	12 betalso on
ms	Leveral on	luch drines I	hat I Know of	which are not net
of le	if when	e babbitt is	Year badler	Worse In that Rea
I be	line Bas	fitt is not E	qual to the 13	resistements
			2-100	Bilto Sec 4.03
ew VIII. 3 8 - 191 3 2 - 191		Apr 25	190-3	resilo
1 2 E d 3	11-21	1.03 12-4-00	Corne uf b	eforeHeffmans time

Try hand babbit as used in

Race bernings - also brace bushing

But of a case that good tracke of

see a Rich is the best

Think a losse Brass bush ranging from the Prin also Running fil sim Pully would be proper to the best

Lother Deep 13

HOM SED 2003 - 12-20

849

TROUBLE INQUIRY.

		Orange	e, N. J.,	NW 23 003
Mr	H. S. Moulton	Man	ager.	
	OnInspe	ctors	Report of	Nov. 18th.
Item	2608			
grinde	t supporting fil	er cup on rea	r right Bea	The of clinker
			111	12
	This defect i	s constantly		[-]
_to_sto	p_tt_permanently?	- COMPONICTY	reported.	en enything be done
		2	1 1	
-W	asartol	engul	conte	who to date
6	9.	maleta	1	
	ma o vaew	7		e-ev 2 1006
Det	the this	TH	MAS A. EDI	SON, General Manager
Referred t	- W- A		-	
	0 MF	do, 125	or expla	nation.
	Hes Ina	kelitte A	sit to the	1. 4/ 100
	C-T Stuff	al Box F	att NO 1	541 M
	Papel A 43	9 Lilter	Ent of	Heland Ist.
	tone Piece	4 faster	with	ane Bolto
	o Much one	many on	present	arrangement
· 3-	will send -	Im a casi	/	
the	was discussed	al about the	Fre Oct	mas recurred
Pl	an was expla	unh	June 1	- the Francisco
		with		
New Village	e, N. J., (10r	25	190 3	
2 - 1903	losque	dotter	AZY	all
/ 24 1903	71-27-03	12-13.03		,

Brown High

THE - 5 900 MIN 30 703

849

TROUBLE INQUIRY.

			Orange, N. J.	Nov.23rd,1903.
Mr	н	S.Moulton,		
	On		8 Report	of XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Item	2551		Department	
011	leaks out of	union on dr	ain nine unda	r roaster #2 near drive.
поует	·		1/	Amendment of drive
	Should	not man in	charge have f	1/1
				GUIL CHIST
4	1	/)	111	
1/1/	(Pson)	= 9005	ur R.	12
		11000	July 1	ader Keep a
- 0	roal 1	5-16 6.	un + ax	t no pt
	COOK C	1		rall these
	timas	, and de	cond!-	
•			THOMAS A	A. EDISON, General Manager.
eferred	to Mr	Mades	1/25/03 500	r explanation, 2-
				explanation, 2
4	es Sis	he o	lid sich	art This to me
a	few.	dans	befire	The
se	in h		heater	Terri Marie
-	Port 00	nederi	A	direction and
9	- hine	- 15- 1	12.000	notify mr my
		7	year,	
Men	Radiate	Qualluna	1.011 81.	very when there were
-i hu	Till TO.	1		1 1 1 1
10	e iii	sbook wa	es you and	all to you for mape
	- way	Here		
		1112		
w Villa	ge, N. J.,	11/25	190	3
- 1903	worm	enferen		Made

TROUBLE INQUIRY.

			Orange, N. J.,-	NOV 23 303
Mr	F.S.	Moulton,	Manager.	
	On	Inspectors	Report of	Nov. 18th,
Item	51.08		Department	Bearing Inspection
	ring out	in side of bl		house #1. Dilts.
,	Why di	d it come out?		
	cison	- Jo Cho	re pany o	ramady for
th	<u></u>		V	
		· .	11 1	EDISON, General Manag
Referred	to Mr	bittle	11/25/13 for	explanation.
		the sha	Sheared .	suffice box
		/ occas	ianly	11/
- Hus		wtogit I supp		- all-unt when
	naly dem			is not allotthe Same
	age, N. J.,_	Mon 25	1903	with a contract of the contrac

Brund Hilliam

100 30 903 OF to the

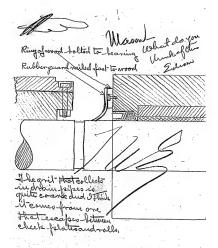
UEL DO SE

TROUBLE INQUIRY.

		0	range, N. J.,-	MAY 23 903
Mr	H. S.	Foulton,	Manager.	
	0n	Inspectors	Report of	Nov. 17th,
Item	5095		_Department	Bearing Inspection
of chall	of oil tal k grinder III invest	en from drain p shows grit, and ligate.	pipe of front i	ntermediate bearing ng runs warm, oil very
	With a	1 the wool used	How does the	grit get in2
Va	441A5 -	Can II	Les	36
1	110	Cook No.	7	
		_//	-//	7
			16	
			THOMAS A. E	DISON, General Manager.
Referred to	Mr.	Jayne	"/25/03 for ex	planation. 2. Jayn - 12.5-0
I think	a that	the guil geto	in the of	earings through
The we	of foo	eking other		
CON C	Leaston		in Hoods	quick as the shaft
Rear	ingo	0 11	The sould	sulvide malkes
ita	orala,			1,100,000
O string	mil-ec	me he hu	la utting a	mulilian quant
-amou	de per	after no	1	musica Statel.
Over	•	4		
New Village	e, N. J.,	1126	190 多	
G 2 - 1903 Sir Ana Alia	WHU.	12 9/03		M. D. Jaynes
C 12 1903	/1-2/			01

This enough it but them is preguent which we have been sun state to stay and it would some soften within the	thy out leaving home permently so for
We will try the expunit are	WITH
	TROUB
	TROUBLE INQUIRY. Department Part Nature of Trouble
Age of the state o	
The District House the first	Francisco Service Trais

[ATTACHMENT]



- nouble Inquing #408

-2-4 = . MAY 50 300

410

TROUBLE INQUIRY. Edison Portland Cement Company.

Orange, N. J., Not 213 303 H. S. Moult on . Manager. Inspectors Report of_ Department. Bearing Inspection Rags left hanging on arm of bearing of right motor in #1 chamber B.H. #2. Barnes, who did this? What is name of Inspector in Barnes THOMAS A. EDISON, General Manager. Banus, "/25/03 for explanation, Mayer - 12-3-03 Referred to Mr. New Village, N. J.,. 1900 DEC 2-1903 NOV 24 1963

Oil men in gring lite a grang combine to pack or sever a motor always tring all the wood and mago und to oil home wood is put got a barrell and raps are put in box to be rewarded all oil men have been influented to any lack all mags and any line on the plant to be morning and any line on the plant to be morning and any line on the plant

~	Monninger.	Part	
Dec 4 1 1903	air sept.	ire of T	TROI
		rouble	UBLE
12-4-13			INO ONI
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Mat 127	ans	100-2	503 411
		Number	*22

TROUBLE INQUIRY.

101 lding brush ry, have it	Inspectors in place moved to n charge k	Report of Department Tubs on edge of clear belt.	
lding brush ry, have it Did man i	in place moved to n charge k	Department ruba on edge o clear belt. now of this ar	Bearings Inspect
lding brush ry, have it Did man i	in place moved to n charge k	ruha on edge o	r belt at head of Gon
lding brush ry, have it Did man i	in place moved to n charge k	ruha on edge o	r belt at head of Con
carry	a men	1	EDISON, General Manage
<u> </u>		THOMAS A.	EDISON, General Mana
	- 1		
Mr		for	explanation.
a Obru	n repr Frigh	trul to	hove it
Ser l	int do	not un	it as plu
, N. J.,		/- 2.4_190,5	
	Ser 1 Shoul	a Obrun segu on Traghi Stat to . Six hart do. Should	a Obsum reported the son, Inglusted to start do not do not seen the

03 ML 121 303 the Kill will Number____416 TROUBLE INQUIRY. Edison Portland Cement Company. NOV 23 700 Orange, N. J., Manager. Оп. Report of Shut down- Lead wire to fields burned off on mo Electrical system grounded in entire crusher What caused lead ware on fields of Con. another Med. for explanation. To marken 14/3/05. New Village, HON 24 2003 on such days there s. a man -

1/2 If we are going to any rubber wester	tic!	were to	
inall three wires wi moulation.		nipper	A.
That we adopt wannes suggestion?		- rue	
5 milesim 446s. WS	lature of Trouble	TROUBLE INQUIRY.	
*3. alleght Kisorden C		UIRY.	
73-10-2	Mg 1	***************************************	

20	:903
	20

Number 117

TROUBLE INQUIRY.

			Orange, N. J.,	E# 98 TC
Mr	H.S.	Moulton,	Manager.	
	On	Log	Report of	Nov. 17th,
Item	11-11		Department	Crusher Plant
Stop f	eed- Dryer	screens clo	gged.	
-	What	caused Drver	screens to clog?	
		Λ		
			196	
			U	The same of the sa
			THOMAS A. E.	DISON, General Manager.
Referred 1	to Mr	Puyu	- "/24"/03 for exp	planation.
bre	was v	my we	I on This	date and as
it c	ann	they so	verso, woul	I not slide
rown	- State	is rad	ily-also	clay adhering
# 2	-ck m	ada it	Isliny to	a Toestain dogs
when	-62	vould,	how Hank	on served.

New Villa	ige, N. J., 22	ov. 26		
	wence			ingm
V 24 1903	11-27-0	Š		1

Charles of State

#E-8 500

404

TROUBLE INQUIRY.

			Orange, N. J.,-	RU7 2415 3U3
Mr	H. S. M	oulton,	Manager.	
	On	Inspecto	Report of	Nov. 20th,
Item			Department	
Pillin	feet of ang	le rubber o	ff of belt on C	on. 132. O'Brien-
know o	Did man f it or are	in charge the items	find and report marked "O'Brien	this? Did O'Brien " and then "Pilling"
Report	ed to Inspe	ctor by 0'B	rien of are wor	ds "O'Brien", "Pilling"
added :		Please to		o use word "Reported by"
Referred to	o Mr. Jac	discourance.	for	EDISON, General Manager. explanation.
lew Villag	re, N. J.,	12/1		
- <u>Ci</u>	1-1005	х .		M. A. Laure.

TROUBLE INQUIRY.

			Orange, N. J.,	
Mr	H. S. Mc	oulton,	Manager.	
	On	Inspectors	Report of_	Nov. 21st,
Item	2656-	-2657	Department)
RESEARCE	DWKKXKXX		THE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	/wex
			2/	Dilts, have we a lot
2007-	neek pla	tes are from on	clinker grinder	2. Dilts , note.
		//	111	
	MrN	oulton, please	read these toms	The system of
keeping	-account	of speres shou	1d Astro Wyman	sseyy to ask the
		/ 1 /	/ //	
2552508	nt manage	r mechanic in t	here was en sper	es.
		· No	10-1	
		MAIN	THOMAS A. E	DISON, General Manager.
		W. XIM	-/-/	
eferred	to Mr.	Medicary.	1/28/03/ for ex	mlaw-41
01		. /	70101	planation.
Jane 1	manne	Li louisal	61 3/1/1	in Mr. Mason mode
-				
ne doe	2 1101 a	cos, me spare	part record	o fay a serving peny
Corne	Allia SH	adon the infoir	nation to wante	I at this time flower
		it was nell a	railable because	we had not had time
mplet	e His no	cord. The has	e not will been	able to ambleto the or
Some	parts us	6 to the fine of	re account of the	he food that the store
line the	on taken	direct 1 . 16	I and allified	A mill willout having
heave	1. T 7	t let	y and apposed	in made without having
- Julian	ne pore	1 / W of Cl	Les are all street	in position of tracing deft.
Merch Do	wirpu	feet the Span to	ak Kicerd and n	ration the procesale from
Secretal	a Speck	· 17 /	_ 5_/	1 0 1'
ew Villa	ige, N. J.,	1/ovember	St. 1902.	9/6
			. 0	Moultan
				1 Milanieres

46i:

TROUBLE INQUIRY.

			Orange, N.	J.,	The week !	
Mr	H. S. M.	oulton,	Manager.			
	On	Inspectors	Repo	ort of	Nov. 21st,	
Item	2659-		Denartm	ent		
Barnes (*	nside of	gunny chamber) driving	Elev. #2	are very dr	y .
				**************************************	arabete.	
	Does Er	. Mason think	these gen	rs should	round in ones	
be negle	cted or c	losed and seli	f o1led?	There	- rema_ir oper	1 and
dry gears	5.			21101 0 31	e many repor	'ts of
II d	age as	e contra	of g		46-	ber
(d)	000	Con of	. 1	7		
	1	PI	THOMA	8-A. EDIS	ON, General	Manager.
Referred to	Мг	7		for explan	ation.	
eve 1	an go	out to	redit	- gran	- cares	20
frus	therey a	y luon	unper	anto	ue o	
- The	chore	- gennou	- in o	- gum	p chain	hun
4 h	ave a	hall lo	al		7	
lew Village,	N. J.,	/2-	- 3- 19	3		

WII - D 3.00

465

TROUBLE INQUIRY.

		Foulton,	-	27
	On	Inspectors	Report of	Hov. 21st,
Item	51,3	4	Department	
One f Hufma	light brok n, repair.	en, and one fli	ght and brace ba	dly bent on Con. 13
NAMES OF THE OWNER, WHEN	Vine 4	1.4. 1	1	,
7	Was t	nis known and r	eported by maying	n_charge?
10		_		f
	relivai	in our on	A RILL	War re
W	. (1/1/00	/ .
- W	ann	1 and to	opillar V	Slower
la	ouses	- who	THOMAS A FI	OISON, General Manag
	0001		· · · · · · · · · · · · · · · · · · ·	. 0
Referred		mgne 1150-23	for exp	lanation 2 Symmington FSwitches Ray Chan
Thi	1 (454.4 :	a sented to	y day to	runan to paste
	anic a			ution was calle
	have u		this Horn	
			1	*
				CONTRACTOR OF THE PROPERTY OF
Jon	dd to	look after	- branings	and scraber
con	in con			· · · · · · · · · · · · · · · · · · ·
Swit	xiction 10	call for	wan on The	ind floor to al
look	after	accord.	But as yet	wa trava not
bern	able .	to have live	taken carse !	1 second as
New VIII	age, N. J.,_	Pore 1-	190 8	
		mader		usier.

clear_	Times Ping 12-10	rrer.	, , ,			, ,	, /
1.00	12-10	- 43					
12-10-0	s solo este e la la						
	1.00			, , , , , , , , , , , , , , , , , , ,			
i - ij	,	1.				 	
					Natur	Part	
					Vature of Trouble		TROUBLE INQUIRY.
					ouble	-	JBLE
							N
	•					Departmen	UIRY
						lment	
	·				يد سفساد	da	

Mr. . . OET -

006 KM alia

469

TROUBLE INQUIRY.

		Orange, IV. J.,	
Mr	H. S. Moulton,	Manager.	
	OnLog	Report of	Nov. 22nd,
Item	1-10 A.Y.	Department	Rosster Plant
Shut d	lown on account of b	ceaking off coal ring	in posster.
			10
	What is breaking	coal ring	14/
V			
· 1 u	vao lald new	bared this in	mg & Rept
	1		1 1000
do	run -		
		THOMAS A. ED	ISON, General Manage
eferred to	o Mr. Radu- 11 3	o-0.) for evel	anation 2 Rading
eferred to	o Mr. Radu-1+ 32	for expl	anation, 2/Pach_/
0 .	, ,		
Coal s	ing (so Called	by The burners !	s a bonnation of
Coal s	ing (so Called .	by the burners is	s a formation of
Coal s	ing (so Called) clinkers, at . Linker heat	a point imed.	s a formation of liaity outside nuclates to
Coal s fine the C such	ing (so Called Clinkers, at Linker heat	by the burners of point inner which accum	s a formation of liatty, outside nulates to
Coal s fine of the o such	ing (so Called Clinkers, at Linker Secat from frontians	by the burners of a proint innecession which account as to preven for breeler. The	s a formation of liatty, outside nuclates to of clinkers
Coal so fine the Coach to so can so	ing (so Called clinkers, at a funkers, at a funkers browns of his out of his mot be broke	by the burners in a print inner a print inner access to precly. The in out while	s a formation of liatty, outside nuclates to of clinkers
Coal so fine the Coach to so can so	ing (so Called Clinkers, at Linker Secat from frontians	by the burners in a print inner a print inner access to precly. The in out while	s a formation of liatty, outside nuclates to of clinkers
Coal refine the conchitors	ing (so called clinker, at finker head proportions of ant of ke mot be broke is summing	by the burners of a point inner account account account as to preven for preven and while	s a formation of liatty outside mulates to a clinkers is is frasel and freat is in an
Coal s fine of the c such to s can kiln	ing (so called climker, at a finker heat proportions of out of ke mot broke is summy	by the burning of a point anece. Which occurs as to preven for freely, the most while	s a formation of leastly control wuldtes to it clinkers is it brased and breat is in an
Coal s fine of the c such to s can kiln	ing (so called climker, at a finker heat proportions of out of ke mot broke is summy	by the burning of a point anece. Which occurs as to preven for freely, the most while	s a formation of leastly control of wallates to it clinkers is it brased and breat is in an
Coal s fine of the c such to s can kiln	may (so called a climbur, at a funker heat postportrans of he mot by he broke is summing the bur this do to bus this do	by the human is a point inner which accume as to precedy the precipity the most while a precipity the most while a precipity that they be that they	s a formation of leastly control of wallates to it clinkers is it brased and breat is in an
Coal s fine the c such to s can kiln	may (so called a climbur, at a funker heat postportrans of he mot by he broke is summing the bur this do to bus this do	by the burners of a point inner account account account as to preven for preven and while	s a formation of leastly control of wallates to it clinkers is it brased and breat is in an

to break it of, Rounting have been that down so offen as to give in a very good Channel to clean this coal sing off during should shown maken no menture man made concerning this, On this occation this was worn very much in heating gone, and very little coaling one, and went was forming the balls my much and solving around behind this coal ling and heating around solving around solving the ball my coal ling and heat the the coal ling and heat the thing from coating while boul

12-9-03

MRader

0E0 -3 500 Number 471

TROUBLE INQUIRY.

		Orange, N. J.,	NOV 215 003
ír	H.S.Moulton,		
	OnLog	Report of	Hov, 21st,
Shu msc	8-52 t down- Wire cable brainists repairing.	Department oken on flexible coupli	Crusher Plant ng, 3d set 36" rolls,
to '	e as compared to prev	xible rope on wobbler h ious one? This short-l where. Two hours and	fe would annear
		Lh .	
		$-\Lambda$	
		1101	
	47	THOMAS A. ED	ISON, General Manager.
eferi	ed to Mr. 25 11-3	for expl	anation.
	one Rea	son for the short	ge of this prope
		on coupling beca	
1.	ins + Could Art	Revoluce aniel	Lies Beasen was
1.	course of the Bac	Revoluce aniel	Lear Peaser, was
1/2	ins + Could Ant Course the the Bac Les Refort of One	Revoluce aniel	Lear Peaser, was
1/2 as 7/1	ins + could Art course to the Bac Les Relant of Ores rough Roll A	Revelved and of a live of Hariaco and item 11-62 +12 who to be cable to	her Reason was when Patt No 200 is of of casting act
as The	ins + could Art course to the Bac Les Relant of Ores rough Roll A	Berduel aniel	her Reason was when Patt No 200 is of of casting act
1/2 as 7/1	ins of Could Art Course of the Back Les Re Int of Borrough Roll of	Revelved and of a live of Hariaco and item 11-62 +12 who to be cable to	her Reason was when Patt No 200 is of of casting act
as The	ins of Could Art Course of the Back Les Re Int of Borrough Roll of	Revelved and of a live of Hariaco and item 11-62 +12 who to be cable to	her Reason was when Patt No 200 is of of casting act
los Thi	ins of Could Art Course of the Back Les Re Int of Borrough Roll of	Revelved and of a live of Hariaco and item 11-62 +12 who to be cable to	her Reason was when Patt No 200 is of of casting act
1/2 as	ins of Could Art Course of the Back Les Re Int of Borrough Roll of	therefore I const sering them is a got them was the ghe to be would be as segues but they	free Beaton Was shing Pat Hose Ell of East Dire See Aster Law the live (are good, in en
1/2 as	ins of Could Wat Course the Ance ker Relant of Some words Roll is Welhanding to Handle	therefore I const sering them is a got them was the ghe to be would be as segues but they	her Reason was when Patt No 200 is of of casting act

TROUBLE INQUIRY.

		Orange, N. J.,-	NOV 275 303
Mr	H.S. Noult on		
	On Log	Report of.	Nov. 21st,
	12-12 stuck in switch at	Department	Crusher Plant
	A COURT OF BUILDING	non of therine.	
	Can this stick	ing of cars at foot	of incline be fixed?
It wa	as stated some time	ago that it was fixed	L. This is going to be
-serie	ous this winter.		
		4	
:		11/1/1/2	
		111111	
	1	THOMAS A F	EDISON, General Manager.
			abiboth deneral manager.
Referred	to Mr. Pugue 11-	for ex	cplanation.
Wa	have breve	using a d	ifferent oil for
a.	four days	h with cal	ar dave work
hall	any Thous	in with cars	sticking.
New Vill	age, N. J., 9-c-	190 3) .
· W	Hu		ingm
7	2.3- 2		0.

DEC - Di Suis

Number____477

TROUBLE INQUIRY.

	н.	S. Moulton,	_		
	On	Log	Report of	Nov. 23rd,	
Item	7-00		Department	Crusher Plant	-
. Waiting	for roc	k. Lost 20 mt	nutes Micht Wat	obmon foiled to	have
rock.	n shovel	- lost 25 min	utes, throwing ou	t dirt and pick	ing cles
			1.		
			1//		
	What	excuse has Ni	ght Watering for	not having ster	on up in
shovel?			. 1///		
		/	11111		
			HWI	· · · · · · · · · · · · · · · · · · ·	
			H V		
			THOMAS A.	EDISON, General	Manager
			V		
·- Referred t	o Mr	Smith	//- 30-03 for	explanation.	
Referred t	o Mr	Smith	//- 30-03 for	explanation.	
Referred t					ours,
Referred t		wan sa	ys wind	waswir	ng
Referred to	tehn	wan sa	ys wind	was wir	ng Jen
Ito evu	tetin	wan sa	us steam	was wir	ng Gen
Ito evu	tetin	wan sa	us steam	was wir	ng gegs been
Ito evu	tetin	to ine	ys wind as steam him own	was wir	ng Jeen
Ito evu	tetin	to ine	us steam	was wir	ng gen been
Ito evu	tetin	to ine	ys wind as steam him own	was wir	gen gen
Ito evu	tetin	to ine	ys wind as steam him own	was wir	ng gen been
Ito evu	tetin	to ine	ys wind as steam him own	was wood Lass here	been
The all	letin let m in ig hi	wan sa it got of for the ine	La wind	Was wood	Jeen Jeen
The all	letin let m in ig hi	wan sa it got of for the ine	ys wind as steam him own	This inequality me, aff Sin	Jeen Jeen
The all	letin let m in ig hi	wan sa it got of for the ine	La wind	was wood Lass here	Jeen Jeen

Shower of High

DEC

DEC-5 104 DEC 14 JUS

TROUBLE INQUIRY.

			Ora	nge, N. J.,	ALE 25/2 1814	
Mr	П. S. N	oulton,	M	lanager.		
	.Оп	Log		Report of_	Nov. 23rd,	
Item	8-44			epartment		
Shut (g1sr	down- Tsr its)	ge rock s	topped on	e roll, tak	ing rock from rolls	
	1.09	minutes i	s a long	time to cha:	in or dog a rock and a	ref
1+-ov					You have hand hoist ma	
for t	his purpo	se. Thy			Vas it inexperience	
Why d	id it sto	p roll?		1121	7	-
_\ <u>\</u> \\	& had	alle	us a	Elator	m systour	-
au	evege	Timo	Mall	THOMAS A.	EDISON General Manag	er
Referred	to Mr.	Pungu	1 /30	for e	xplanation. Pugru.	12
Lug	a rel	etre	& for	d will	starting vame	_
and		g di		ches to		
Male	11	mena	any to	mund	a part of a lo	le
Load	10/ 200			, ,		
Jang	1	e was	7	/ // .	7	60
		24444	, ,	hat shy	eger Sates con	60
MER	otrike	and.	brak.	reek.	, ,	_
2 00	as isot		1 -1		1 /	_
		1. 1.	our Hic	s couls	have four done	*
		Dic.			an doing all	-
vew villa	ige, N. J.,_	1036.		190 9	₽. ′	
4	12-3-03				mgnr.	_
1903					V	
1903 103					·	

they com	ed to	get.	suill s	muning	again. Bugs	34.
10-10-23						
P						
	4.					ر کی
		and A continues	source or a substitute			
**				. .	Part	T.
			**		Trouble_	OUBLE
		: .	. · ·			INQUIRY.
					Partition	RY.



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er___479

TROUBLE INQUIRY.

			Orange, N. J.,-	. NOV 27 EUS
Mr	H. 5	. Moulton,		
				Nov. 23rd,
tem				
Vafting	for e	need gient r	olle would not stout	usher Plant
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_		Department Cr	
			ant rolls start?	
		,		
			_	
			11.	
		1/	11	
		////	101	
		1110		
		1/0		
			THOMAS A. E.	ISON, General Manager
			-//-31-03 for exp	
Friet	En.	n wills	would not o	tart well on
acen	w.	of lubric	and sap & Cied	when large
when	. 2	llotops	I miroloino.	
Heis	Lune	edentely -	Wellow tishe	whom lance
nek	was	wades	in hopom	
1000			00	
our Village	. N I	Spec	/	
		,	1900	gne.
12-3	3-23		- Vu	igni.
12				



nec -3 503

485

TROUBLE INQUIRY.

Edison Portland Cement Company.

Orange, N. J.,
Mr. H. S. Moulton, Manager.
On Inspectors Report of Nov. 23rd,
tem 2693 Department Chute from one blower in blower house #2 choked this morning by
Gilli, wod, ruber, a piece of fron used on old man, and a cape disest. Dista, take precautions, se directed, against this happen- ing again.
Who is responsible? You will always have this trouble
without men are warned in such a way that it will cling to their
memories.
THOMAS A. EDISON, General Manager.
Referred to Mr. Anthon 11-30-03 for explanation.
Dilto is Restardible + has Wanney
11/18 man on this Kerry of Jungustice them in
Troller recoltree 18 In all Waster anate right +
" Ref (a till the same for his co with rest becaring
Will Rivige Nov Par
New Village, N. J., Die 1 25 1903
New Village, N. J., Self 1903
Z-1-03

NUV 28 1903

486

TROUBLE INQUIRY.

Edison Portland Cement Company.

			Orange, N. J.,-	MOA 15.3 1000
Mr	H. S. Mor	ilton,		
MIT.				77
	Оп	Inspectors	Report of	Nov. 23rd,
Item	2681		Department	
Nut n	ot wired o	one stud su	pporting brush	nolder on motor driving
	To have			
	Is Mr	Barnes keep	ing record on h	is Inspectors to spot
_those	_incompete	at? I—suppos	se_Inspectors_are	told-to-notice-if-every
_		ld be wired i	1 1.0	Inspector habitually
negle	cts or fai	is to note th	ged little thin	gs, he is a hopeless case
Referred	to Mr. Bo) J	0/	EDISON, General Manager.
	fasts	ugell as	about to	in date
_ Th	in Gro	to suen	to The S	that he mas
Me	an our	itald to	un oti	of mut
-9	100 1	y are	Respiny 1	Record/ aus
- 01	most -	trouble_	dischar	to and man
	whom	·	1 WASSONAS	y.cq.
		10.0		
New Vil	lage, N. J.,	1212	190,3	AB-
£	12-3-03			- Jumo

NOV 28 1903

· DEC - 5 (46) (4.5 1.35 Number 490

TROUBLE INQUIRY.

	Orange, N. J.,
	Mr. H.S. Moulton, Manager.
	On Inspectors Report of Nov. 23rd,
	Item 2687 Department
•	Angle rubber on belt of Con. #147 wears on guide boards.
	How long has this been going on? Who should have found
/-	it, man in charge or Belt Department men? Should not Belt
	dept. have found this?
2-	Cayne = This is one on you
	THOMAS A. EDISON, General Manager.
	Referred to Mr. Reling 11-30-a2 for explanation. ? Joyn 15-0.
	This ten should have gead "has been wearing on.
	quide brands" as it had worn a clear path and
	did not then "wear". On order was in the
	Carpenters hands for new quide boards at the
	Realition evidently wars are parches since they were first
1 %	feller and a sur arrivary totands and Pilling is a muscle able
- 24	on to know what trab place while I make examining it
ا	New Village, N. J., Dec 1903 O Z Pin
	. In 5-03 when
28 l	1903 12-10-0 3

Number____

TROUBLE INQUIRY.

			Orange, N. J.,	660 - 4.2903
	u e no	ulton,		
Mr	On	Inspectors	_	Nov. 25th,
	5164		Department	011 & Bearing
Six o Hoyer	11 cuns off		Elev. #2: 2 on	right, 4 on left side.
		_		rted as coming off. Wha
		off? Find th	e cause and rem	edy 1t. This connot
go on	forever.			
			- CI	
			110	EDISON, General Manager.
Referred	to Mr.	lls -12-3-23	for	explanation.
	1.	one Rea		tyangular plate
_wfu	ch Holds		has two ser	
Lock	ed togat	her inso		re by serews than
bosph	in of the	o tyangula	a plate their	Lungs Round 1
- Drug	clatton of	Star while	r ucung 2	I bussile la Im thes
and C	18 17 Y	a politica	toods in	ne or town blacks &
Lug St	11. a Paris	madet 1:	A Mortuni	-1 1.1 - 1 11
ha	Whether!	be soon	2	
New VI	lage, N. J.,_	Dec 4	W_ 1903	Amelo
<u> </u>	HUL -4-03			or ways
1903				

Svarally aller

EL 1.15 17.15

Number 503

TROUBLE INQUIRY.

			Orange,	N. J.,	2/0 - \$ 20/0
Mr	н. s.	Moulton,	Manag	er.	
	On	Inspectors	R	eport of	Nov. 24th,
item	2700		Depar		
Sever 116.	Rader.				shaft operating Con.
	Was 1	an in charge	aware of	this?	
				/	
:			THO	AS A. ED	DISON, General Manager.
Referred	- 6.	13 ader - 12		for exp	
This,	Sim	ply bec	anses	he ma	not aware of
on	tris on				Hand wheel SI
who	t you	point		them	Jany more the
This	was dr	is to For	man	and or	myself not give
					left man
Thurs	ee ign	want	es to ch	uty,	
- Sar	ne old F	mulety			
New Villa	age, N. J.,	12-	14	_1903	Mader

TROUBLE INQUIRY.

		Orange,	N. J.,		_
Mr	H. S. Mo	ulton, Manag	er.		
	On	ogR	eport of	Nov. 26th,	
Item	8-40			Weighing Plant	
Putt	ing on new gear of collar on pi	motor drive Con.	105, bro	ken by bolt getting teeth.	
lock		olt get out of co	allar on s	Aion shaft? Was it	
	are these		-	ch tocked	
a		Ble To had		2 Jack Chis	
l	rouble.	THO.	MAS A. ED	ISON, General Manager.	
Keierred	This to	k was		lanation. 2 totto?	
ta j	always be locall Swhen mic	lwrights Change	net from	healf done or arta	ou to
that		of few if any	more of Es	Jam of the opinion buse which have	
		son Juck strines		1 . 11	14-6
New Villa	1ge, N. J., /2	- 4 -	-190 B	Mufman	17-0
1903 - 1903			-		

Brandfallin 1805

umber 511

TROUBLE INQUIRY.

			Orange, N. J	١.,	
Ir	H.S.Mo		Manager.		
	Оп	Log	Repor	t of	Nov. 24th,
		6-00 A.M	Departmen	nt	Roaster Plant
Not r	unning- I	outting new	brushes on moto	or drivin	g rosster.
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TROUBLE INQUIRY.

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Mr	H.S.Mc	oulton,	Manager.	
	On	Inspectors	Report of	Nov. 27th,
Item			Department_^_	
Lacin	c has sts	rted to break	in belt on Con. 137	Pilling.
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/		man in charge	been told to look of	and report such
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he he		lung. the	has the pure super such super such such a ill Shul deux -	t in which
New Village 427	ge, N. J.,_ ### 2.7-03	Dec 6		Zum.

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TROUBLE INQUIRY.

Referred to Mr. Harms 12:3-25 for explanation, 2 hornes 123 Barrie find at must be myborable In alcan the 50 hours pathing in Countries and after 100, 110 there of the surface of the second that the second	On Inspectors Report of Nov. 27th, em 2755 Department Pields and simulative of motor driving Con. 132 are very dirty. Barres, clean out at nooth hours. Who is responsible? Cannot be alread be left and of THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Thomas are 3-23 Leferred to Mr. Sherms 12:3-25 for explanation, 2 Bernes 133 The clean for 50 hours for mytorable And direction are are fairly in Countries And direction of the motor of the standard of the			-		
THOMAS A. EDISON, General Manager Thomas A. EDISON, General Manager Thomas A. EDISON, General Manager The clean for the street of most of the clean for the street of t	em 2755 Department Pields and armsture of motor driving Con. 132 are very dirty. Barnes, clean out at moon hours. Who is responsible? Chamber - When those of get and THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Thomas are soon of the standard of the clean that 50 hours for explanation. An elean the 50 hours protein with any direction of the clean that 50 hours protein with a clean the 50 hours protein with any direction of the clean the soon of the clean the clean the soon of the clean the so	(r	н.	S. Moulton,	Manager.	
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THOMAS A. EDISON, General Manager THOMAS A. EDISON	THOMAS A. EDISON, General Manager The explanation, 2 Remay 123-25 for explanation, 2 Remay 123 The clean fit 50 have goother must be part of the series of the s	Item				
THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Referred to Mr. Berns 1: 3-25 for explanation. 2 Dermo 123 Brasser first of next to superability The alecan the 50 hours Joshan swiften and abustes the ans pullary on Completion and into 1009 100 hours for the the house Small to work of the swinds were Greek themase of the swiften Alecan the property the subsole and the swiften Alecan to keep they shamber good I was a swiften Answery to keep they shamber good I was a swiften to skip they shamber good I was a swiften to keep they shamber good I was a swiften to keep they shamber good I was a swiften to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they shamber good I was a swift to skip they sh	THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Edecred to Mr. Sherms 12.3-05 for explanation, 2 Bernes 128 Barrier find at next to improve the said to the standard of the said to the sai	Fields	s and armat s, clean ou	ure of motor dri t at noon hours	ving Con. 132 a	re very dirty.
THOMAS A. EDISON, General Manager Referred to Mr. Bornes 1: 3-03 for explanation. 2 Somes 133 Barrier hind at new the superability At alexan the 50 hours and the suithful and the suithful and the suithful at the suithful and	THOMAS A. EDISON, General Manager Leterred to Mr. Money 12.3-03 for explanation. 2 Bornes 129 Barnes The clean the 50 hours protein with air other log 1100 hours from the complete air out 109, 1100 hours from the forest Angel to most of OR hours in graph Angel to hours the whole hould the Allow to hear they the hours good I was Auston to hear they though the ranning of I was Auston to hear they followed to have Auston to hear they followed to have Auston to hear they followed to have Auston to feel in this fame the ranning New Village, N. J., 124 1003 Branes To 123	-	Who is	responsible?	119	
THOMAS A. EDISON, General Manager Referred to Mr. Bornes 12.3.03 for explanation. 2 Somes 133 Barrier find at Owner to superability Ato clean the 50 hours bottom duriffer are ante 109, 110 truly of the finds Another work of the sure graphs Another work with Another work w	THOMAS A. EDISON, General Manager Leterred to Mr. Money 12.3-03 for explanation. 2 Bornes 129 Barnes The clean the 50 hours protein with air other log 1100 hours from the complete air out 109, 1100 hours from the forest Angel to most of OR hours in graph Angel to hours the whole hould the Allow to hear they the hours good I was Auston to hear they though the ranning of I was Auston to hear they followed to have Auston to hear they followed to have Auston to hear they followed to have Auston to feel in this fame the ranning New Village, N. J., 124 1003 Branes To 123		Canno	the alia	be pet o	of of
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TROUBLE INQUIRY.

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	Mr	H.S.Moulton			
	11111				
				Report of	Nov. 27th,
	Item	2756		Department	are very dirty.
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		(THOMAS A. E	DISON, General Manager
	fa?ms. ?n. c.c.	- Becalas >			
	Referred	to Mr. Danu	/2-1-23	for exp	planation. 2 Banus 12-F
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TROUBLE INQUIRY.

Mr	Н.	S. Moulton,	-	
	On	Inspectors	Report of	Nov. 27th,
Item	2761	-5-51-7	Department f rear left column	-2 TO -27 HO
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Keierrec	to Mr.	1- 2/100	lor expi	anation. C-7
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TROUBLE INQUIRY.

100A5L5A8	/	Orange, N. J.,-	
Mr. H.S.L	Marie 1 and 1	Manager.	
On	Inspectors	Report of	Nov. 26th
Item 2739	- / N/ ·	Department	The second of the second
One bolt out of	rean tatter me di	ate spacing roll	retaining collar of
clinker grinder	#1. A. L. L.	B. Hugman.	1
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TROUBLE INQUIRY.

Edison Portland Cement Company. Orange, N. J., OFFI - 1. SHAS

Mr	H.S	.Houlton,	Manager.	
	Оп	Inspectors	Report of	Nov. 26th,
Item	2740		Department	
er g	rinder #1.	J. Willis. No	v out of reer le	oft bearing of clink
A 1945	Personal and Consequences	. 1		
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			/ / Collas A. El	15014, General manage
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New Vill	age, N. J.,	12-4	190 3	,
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TROUBLE INQUIRY.

THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Thomas Plate or the property of the plane with the plane or the form the plane or the plane or the form of the plane or t	On Log Report of Boy. 27th, 1998 7-14 South Arms. Little driving Con. 140 sparking body. Electricisms assumed to stop motor. Waiting for mainfaile body. Electricisms patter botto on grander. Who is responsible for making roll later with such a body to amongst that they loosen all the body. This is a job for a good Eachinist. THOMAS A. EDISON, General Manage of the Market of the Plane are the first of a good as in maintain. These Plane are tested lath over as if form the Planes to the first of a good as in maintain for a good as in maintain for a good as in maintain the responsibility in the responsibility of the first class lateral and lateral contents of the first class lateral and lateral for the first class lateral and lateral for the first class lateral and lateral for first class lateral and first the first class lateral for the first of the				Orange, N. J.,-	W.O. 2 (100)	_
tem 1995 7-54 Department Clinker Fine Crinder Shut form lights driving Con. 140 sparking bedly, Electricians secured to stop motor. Waiting To maching to tip tighten up loose plate bolts on grinder. Who is responsible for making roll lates with such a bad-fit to mendril that they loosen all the bolts. This is a job. Tor a good machinist. THOMAS A. EDISON, General Manager Tor a good machinist. THOMAS A. EDISON, General Manager The machinist for the first of the first of the soft state in the leaster which is first as good as is pushed to do one man the center which is first as good as is pushed to do one man the center which is first as good as is pushed to do one man the such that the destruct the return than facility of the first of the center the first first class disclosure; I same keeping to the first of th	om 1995 7-34 Department Clinker Fine Crinder Sint down lyter driving Con. 140 sparking belly. Electricisms assumed to stop motor. Watting Con. 140 sparking belly. Electricisms assumed to stop motor. Watting For machinists Continue up loose plate bolts on grinder. Who is responsible for making roll lates with such a beartist to mandrit that they loosen all the bolts. This is a job for a good sachinist. THOMAS A. EDISON, General Manage decred to Mr. Such a property of the continue of the c	īr	H. S.	Moulton,	Manager.		
Sint down ligher driving Con. 120 marking bedly. Electricisms assumed to stop motor. Valting Tor Escillation to Mighton up loose patch botter on grinder. Who is responsible for making roll fasts with such a bad rice to mandril that they loosen all the botter. This is a job for a good Eschinist. THOMAS A. EDISON, General Manager of a good of Minister of the control of the contr	Sint down light driving Con. 140 sparking body. Electricisms assumed to stop motor. Vaiting for machinists to digition up loose patch both on princes. Who is responsible for making roll dates with such a bad-sit-to-mandrid that they loosen all the holds. This is a job for a good Eachinist. THOMAS A. EDISON, General Manage efforted to Mr. Synthesis a job for explanation. Thomas A. EDISON, General Manage efforted to Mr. Synthesis a job for explanation. The Planes of the State of the State of the Armonia for the Planes of the State		On	Log	Report of	Nov. 27th,	
THOMAS A. EDISON, General Manager THOMAS A. EDISON, GENERAL THOMAS A.	THOMAS A. EDISON, General Manage THOMAS A. EDISON, GENERAL THOMAS A.	em	person 7	-54	Department	Clinker Fine Grind	er
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THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Those Place and text Company the Planes, the Planes, the property is good as a period to the property in the Planes, the property is good as a period to the property in the Planes, the property is good as a period to the property in the property of the period to the property in the property of the period to the pulsar all places are headed to the pulsar the period to the	THOMAS A. EDISON, General Manage These Plates are texted tack were as it from the Planes + we find them to tenth the querous the Enths which is the Nation the whole the querous the Enths which is the Nation the whole the querous fame (awhich is the Nation the whole the properties) the textes and the first elastination. The planes for the Madding of the interpretation of the planes for Right to the text of the the planes The Reported of me the fudure The Reported of the the the fudure The Reported of the the the fudure The Reported of the	plate	boits of	grander.			
THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager THOMAS A. EDISON, General Manager Those Place are texted Each one as if toom form the Planes + me fined theory to be not black in the place is the fined theory to be not black in the place is the fined theory to be not black in the country which is fined as good as a publishe to ac one man form the place is the fined in the term, but the form the fine this fined into the return franch to being form this fined into the first all places are hearded for Reight to the fined all places are hearded for Reight to the future The property of the the future The property of the fine the future The property of the first the future The property of the first the future The property of the first the future of the property of the first the future of the property of the first the first the future of the first the first the future of the first the fir	THOMAS A. EDISON, General Manage THOMAS A. EDISON, General Manage Thomas Acas 1.5 gotta 112.3-03 for explanation. These Place are texted Each one as it con Joseph the Planes + sucfined them to be one black in the Planes of the pool as a part of a person of Janes Gubich is the Planes to the Man particle in Janes Gubich is the Planes to the Man particle in Janes Gubich is the Planes to the Man particle in Janes Gubich is the Planes to the Man particle in Janes Gubich is the Planes to the Man particle in Janes High the Man Manager of the Line of the Service of Janes Reported for me the fudure The Prophect for me the fudure The Prophect for the fudure The Manager No. 1. Self 4 the 1903		Who :	s responsible	for making roll	Mates with such a	
these Plate are testif Each one as if Com- form the Planes + me find them to be not it com from the Planes + me find them to be not it do one push the planes which is first as good as a pushific to de agreement the control march is first as good as a pushific to be agreement said breaking this Machine + fet is being a being madel for first class another to being for this for + well see that all plates are keapfed for Print for the fulnes. The perfect fit on the fulnes.	These Plate are texted Each vere as if Com from the Planes + me find them to be and he had me discounting a fact to good as a period to the file of a continuous thick in the Planes + me that a good as a period to the opening and the many think in the Planes Carlot to the Planes and the period this period the period and the period to being madeled for the state of the period to being the period to the peri				loosen all that	This is a job	
these Plates are tested Each one as if town from the Planes, + met and them to be out that on the enter which is first is good as a provide to the out the out the form the provide with a first manufacture. The tested sould said (medicine) this medicine test is peone to being brought from this function to the tested provided for this first classification. I gave the first classification to the first on the paper to be reported to a people of the first of the first and the full of the first on the first of the first on the first on the first of t	these Plates are tested Each one as if the from the Planes + we find them to be soil stade in the center which is first a good as is pertile to an enough them the which is the restore the when man partied we said (medice) this machines of the penny is being handled by a first classification in I am Reference for this place to the first classification to the penny is being to be the first classification to the penny of					EDISON, General Manag	ger
from the Planes + me find them to be soil black in the person to be soil black in the the person to be provide to the opening lance or Good of the person to be opening to being a lance of the person to being to being the person to being the person to being the person to being the person to be the person to be the person to be pe	from the Planes + mefind them to be ont black in the penting addition to be a made as post as a part as a penting the end on a superior said medicine, the Part of the Man partie of the said man partie of the said manual penting to being a said medicine, the said medicine, the penting to being the said for the said medicine to the said said medicine to the said said the said of the said o	u mae eferred	to Mr.	Artt 172-3-	for e	xplanation.	
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lance which is the lendron the other man proceed will said Greening this Greatming test is being in this first the first state of the property of the property of the full said last all places are kerapey to a perfect feet in the full said all places are kerapey to a perfect feet in the full said.	lance (which is the restron the when man parted unit said (meching) this (meching & jet is being is being mondfel sife just class mondfel sife just class adminesty. I also Response for this fift + mell sel that all plates are seasoft to a perfect fit in the future.	from	n the P		, ,	to be oot black n	2
handled by a first class Onachinet, I am responded for this fet to mild sell that all plates are head of the last all plates a	handled fift first class disadicient; I am Response for this fet + well sel that all plates called age to a perfect fet in the future	the Ce	nter w	lucle is fust	as grod as is for	selle to do on ou	2
handled by a first class Onachinet, I am responded for this fet to mild sell that all plates are head of the last all plates a	handled fift first class disadicient; I am Response for this fet + well sel that all plates called age to a perfect fet in the future	lane	w Constitu	ch is the	reason the other	es (man parted son	4
for thirlst + will set that all plater archeraped to a perfect fit in the future	for third set + will set that all plates are beared. To a perfect fit in the future.	said	Chach	This (h	1	s seing ir verng	
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DEL LIS JUG

Number 536

TROUBLE INQUIRY.

			Orange, N. J.,	
Ir		S. Moulton,	-	
	On	Log	Report of	Nov. 26th,
	10-15			Roaster Plant
Shut	down- Fuse	e on roaster	burnt out.	Samuel Control of the
	200	111.0		
	епу (ald Tuse on r	oaster motor bury	out?
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			THOMAGA	EDIGON G
m.ma eferred	to Mr.	2 Gral- 12-		EDISON, General Manager
eferred	to Mr.	eary los	3-23 for e	explanation.
eferred	to Mr The k	eavy los	3-03 for e	explanation. aster is startic shift as it
up Lat	to Mr The k at slow	eavy lor vapuel u hat	3-a3 for e	explanation. arter in startion shift as it it raised a
up dat non	to Mr	eary loo early loo en hat	3-a3 for e	explanation. active is startic shift as it it raised a
up dal nor	to Mr The k at slow ster t alexan	eary loo v apred in hot uned	3-as for el in ritorial de la motorial de la deservatorial de la their	explanation. roter in startin shift as it it rused a much current Lad started
up dal nor	to Mr The k at slow ster t alexan	eary low x speed in hat immed fuse, apidly	3-as for each way the most	explanation. roter in retartion shift as it it raised as much consent rad started arming openal
up dal nor un d	to Mr. The K at slow ster t Alexan unce runce r	eary los x apred in hat inned fuse, apridly are du	J-as for each an strain and as driver too a strain they the unter the exact much	explanation. roter in startin which are it is it raised a much current lad started aring affect and e. rund
up dal nor hun	to Mr. The K at slow ster t Alexan unce runce r	eary los x apred in hat inned fuse, apridly are du	3-as for each way the most	explanation. roter in startin which are it is it raised a much current lad started aring affect and e. rund
up dal nor hun	to Mr. The K at slow ster t Alexan unce runce r	eary los x apred in hat inned fuse, apridly are du	J-as for each an strain and as driver too a strain they the unter the exact much	explanation. roter in startin which are it is it raised a much current lad started aring affect and e. rund
ap dal north aun at a work	to Mr. The has all some a white the terms to the some and the some all the some al	eary loon apriled in hot mund fuse, aprilly and flue	3-23 for a f	explanation. roter in startin which are it is it raised a much current lad started aring affect and e. rund
ap dal north aun at a work	to Mr. The has all some a white the terms to the some and the some all the some al	eary loon apriled in hot mund fuse, aprilly and flue	J-as for each an strain and as driver too a strain they the unter the exact much	explanation. roter in startin which are it is it raised a much current lad started aring affect and erry affe

Number 537

TROUBLE INQUIRY.

Mr			Orange,		
	H. S. 7	Moulton,	Manag	ger.	
	On	Log		Report of	Nov. 26th,
tem	4-55	A.M.	100	rtment	Rosster Plant
Shut	down- Cle	ening arma	ture on roas	sher motor	
		bear.	ionida In	See of the Park of	ONE .
	Why	are armatu	res on Roas	ter motor	required to be cleamed
so of	ten? Is	it armatur	es or commu	tators? C	an snything be done to
-stop-	these-con	tinuous—t	roubles with	h-kiln-mot	ors for must it go
-right	on forev	er?		$-\Lambda$	IN I
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			THO	MAS A. EI	DISON, General Manager.
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Lus Sthe Cope The State	ment of Clarific Chigas of	maken Light le and she toparte brushe wt areo	and and in a land	Soul to	Letaurah Canada Condition Cond
Luca Star Copa S	general and a classical and and and and	and the same of some of and an ence of some of the same of the sam	and and in a land	Sout to	Janus Sans

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TROUBLE INQUIRY.

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Shut down- Electricisms filing commutator of motor Con. 109 (Motor Dept. sandpapering commutator of motor Con. 109 (Motor Dept. sandpapering commutator of motor Con. 113.) What is the nature of the work under the item "sandpapering commutator"? Are skilled men doing the job, or anybody? I have seen commutator "? Are skilled men doing the job, or anybody? I have seen commutator "Competent all out of true by inexperts duing a lot of sandpapering, so that armature had finally to be taken out and the finally to be taken out of the finally to be taken out of the finally that the finally the finally of the final	Mr. E. S. Moulton,	Manager.	
Shut down-Electricisms filing commutator of motor Con. 109 (Motor Dept. sandpapering commutator of motor Con. 109 (Motor Dept. sandpapering commutator of motor Con. 115.) What is the nature of the work under the item "sandpapering commutator"? Are skilled men doing the job, or anybody? I have seen commutator"? Are skilled men doing the job, or anybody? I have seen commutator. The sandpapering is that arisature had finally to be taken out and wind to sandpapering, so that arisature had finally to be taken out and windows and the finally to be taken out and windows and the finally to be taken out and windows and the finally to be taken out and windows and the finally to be taken out and windows. The finally to be taken out and windows are the finally to be taken out and windows. It is the finally to be taken out and windows are the finally to be taken out and windows. It is the finally to be taken out and windows. It is the finally to be taken out to the finally the finally the finally that the finally the finally the finally the finally that the finall	OnLog	Report of	Nov. 25th,
That is the nature of the work under the item "sandpapering commutator"? Are skilled men doing the job, or anybody? I have see commutator coppers gotten all out of true by inexperts doing a lot of sandpapering, so that armsture had finally to be taken out and waster out the unen attack and left the same of the sandpapering. The sandpapering the same of the same same of the same same same of the same same same of the same same same same same of the same same same same same same same sam		DepartmentC	halk Plant
commutator "? Are skilled men doing the job, or anybody? I have see commutator coppers gotten all out of the by inexperts doing a lot of sangespering, so that armsture had finally to be taken out and wisher and the control of the light that we have the seen of the light that the computant to felle are generally to the community of the community of the community of the world in the community of the world in the community of the world of the common	Shut down- Electricians Dept. sandpapering commu	filing commutator of mo stator of motor Con. 113	tor Con. 109 (Motor
Commission coppers gotten all out of true by inexperts doing a lot of sumpspepiring, so that armature had standly to be taken out and strong on the men that a put the sum of th	What is the na	ture of the work under	the item "sandpapering
of suppopering, so that similarly to be taken out and Armadup. Wassers are the men in Elecal and oleft. THOMAS A EDISON, General Manager. Thomas at all and for Elecand of the Committee of th			
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the world in the case fine Deht the Come of the Come o	Mason = are the i		SON, General Manager.
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it was Dearang to dil down the Mely had to get for a good francis to get lon in your factor at defende on the sugar down the formal and the world my for pectar at defende on the sugar of the world me of the world the Checkball set are of transfer and have all large and sure have an an a me of	The Com- of 100	had Som	Detrina Dehl
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TROUBLE INQUIRY.

Edison Portland Cement Company. DEC - 11, 303

			Grange, N. J.,	
Mr	H. S.	Moulton,	Manager.	
	On	Log	Report of	Hov. 29th,
Item	9-54		Department	Chalk Plant
110, le	m- Bearing ft bearing.	run hot or	flexible coupling	shaft motor Con.
				1
	What was	cause bear	ing on flexible dr	ige Con. 110 running
-hot?			- 1-14	4
VIO	ma l		Shill 1	10
-	302 V	ecetter.	and the same	In acount
	redter	reman	rals	
	ì		THOMAS A. FI	DISON, General Manager
30 mi mas	LOR 1016 3- 93	1000 10		
Referred t			for exp	lanation. 2-luoyn-
	0 Mr. 4	r + ,		
Qu,	Joseph 18	the or	de chain in e	ach o Time
Qu,	Joseph 18	the or	de chain in e	ach o Piere
Qu,	you 18	the or	Le chain in e	ach or time
Cu for to	you 18 sarings at 13	st the or proce or one or or or	le chain in e line and re in analyse or Francisco con	ach o There were to the country on the total on the country on the country of the country of the country on the country of the country on the country on the country on the country of the
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(the beauty on the control of and on the co	yer 18 sarings at 13 one	pure in out of a	de chain in e live and co	ach o Time would be convert to the format by the format of the format of the format of the formation of the
Courte Courte	Jun 18 sarings at 18. Same of the chief of	the or	to chain in a line and or a sangua or a complete con and layer that the contact of a contact of a contact or	ach of time would be come of and the time of and to the come of and to the come of and the come of an and the come of an and the come of an analysis of an analys
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			RY.

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Edison Portland Cement Company. DEC - 1 asia

	Or	ange, N. J.,	
Mr. H. S. Mc	oulton,	Manager.	
On	Inspectors	Report of	Nov. 30th,
Filter cups on wood in them.	main shaft in cli	Department aker fine grinde	er house have no
/- Why w	as there no wool :	n filter cups?	
2. Didyone	ver hy had	0.11/100	c - WE did here
	(THOMAS A. ED	ISON, General Manager.
John maren see 5- Referred to Mr.		for expl	anation upplum forting
Through	in Lot of tron	writer for	The soulcal
1- wenther .	^	ound that	the word amounts
to such o	ne way or the o		
avere avariant	wied own to	course in the	nous conscary
New Village, N. J.,		7_1903 COKO	Die bleft Der 16th, 03
EC 1 / 1903 - 12-18	20		

Mr. - 19 Will mar.

Number 554

TROUBLE INQUIRY.

			Orange,	IV. J.,			
(r	н. s.	Moulton,	Manag	er.			
	Оп	Inspectors	R	eport of	Nov.	30th,	
tem Large wheel	gear on o	ooler #1 mes	Depar hes too d	tment eep. Hufi	an, shim	up fricti	on
	Who i	s responsibl	e for set	ting it to	o deep?		_
	<u> </u>		- An				_
		11/	74				
		100	/			+ 1	
			THO	MAS A. EI	DISON, Ge	neral Mana	ger.
	to Mr.	3				neral Mana	ger.
eferred	cannot	Say who	is mapor	for exp	lanation.	iy gian	ger.
eferred	cannot	Soy who if has not	is mapor	for exp	lanation. - Setter to my /	iy gian	ger.
eferred	cannot	Soy who if has not	Jun c	for exp	lanation. - Setter to my /	iy gian tivledyn	ger.
for the star	cannot begs. 5	Say who :	is respondence of war of war	for exp water for support on support one from	lanation. To Setter formy I before our when the set t	iy gian tivledyn	ger.
for the star	carried to Mr.	Say who is the with an a luna way burney burney burney burney come	Jun c Jun c Jun c gradua war o at one e t, when	for exp way fue my fue suffice well has	lanation. To Setter formy I before our when the set t	iy gian tivledyn	ger.

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Number 556

TROUBLE INQUIRY.

			Orange, N. J.,-	DEC = 44 S. 1
Mr	н. s.	Moulton,		Beart
	On	Inspectors	Report of	CI Nov. 30th,
2786-	Who why an Motor driving een shut down total	skip hoist to they not on giant feed	roll is dirty. they not cleans s dirty. Barne	nes, these have been shut Barnes, these have d up? s, these have been shut
			ay about this?	<i>D</i>
960	2 milles sho	it drewn !	5	X
Partie	very lette	entole CCs	THOMAS A.	EDISON, General Manager.
John ma				explanation. 2 Benus 13
Kelelico	to m.		7	explanation: Z V3-
6	Cus Protos	Inspec	to devot.	him time
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	irst 1	all a	ter class	not the Same
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the	1-these	Protois	Where the	tdoen doe a
dre	o not i	krow to	of the has	plente a Dhan
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TROUBLE INQUIRY.

			Orange, N. J.,-	40 - 4 308
1r	H. S. 110	oulton,	Manager.	
	On	Log	Report of	Hov. 30th,
tem	7-26		Department	Clinker Fine Grinder
Shut d	lown - Motor	of Elev	. 131 blew fuse.	
	no .			
			f motor of No. 2 Elev	
in sho	p_before_p	outting up	» / V	
			THOMAS A. E	DISON, General Manager.
mama	um Dee 5-03	O 6	11 11-4-02 -	
na ma Referred			(l. 12-5-03 for ex	,
na ma Referred	e moto	r fram	e was not ch	ruged.
The ar	e moto field	r fram coils f	e was not the	ruged.
The ar	e moto field ned co	r fram coils f is a	e was not che one shop were ud another a	auged, But in place, matters was kee
The CK inju	e moto field ned co	r fram coils f ris a could	e was not che rom shop were ud another a not be tested	muged, place, matters mas ke welkt in proise
one	e motor field new co	r frau coils fric a could coil	e was not che me shop were ud another a rear be tested was found to	muged, place, mustere mas kee cept in paid he reversed
OK inju	e motor field ned co newtor field conne	r frame coils for a could coil coil	e was not the me shop were und another a mail be thated to mis found to m it had to	nuged. Place in place in nature mas kee select in pre- be rentered be transported by the man provide
One and	e moto field ned co motor field conne	r frame coils for a could coil etions	e was not the me abopt were und another a not be thate a was found to m it had to account of excl	muget, place, musters mas per secular in president seculorated the frame process seein armation
One and	e moto field ned co motor field conne	r frame coils for a could coil etions	e was not the me shop were und another a mail be thated to mis found to m it had to	muget, place, musters mas per secular in president seculorated the frame process seein armation
One and	e moto field ned co motor field conne	r frame coils for a could coil etions	e was not the me abopt were und another a not be thate a was found to m it had to account of excl	muget, place, musters mas per secular in president seculorated the frame process seein armation

TROUBLE INQUIRY.

		Oran	ge, N. J.,	E13 - C3 - J23
Mr	H. S. Moult	on, Ma	mager.	
	On	0/5	Report of.	Dec. 2nd,
Item	5-49	D	epartment	Clinker Grinder.
Shut	down- Small pul	ley slipped o	n shaft that	drives governor for
rolle	Why did sm	all pulley sl ed with set s	ip on shaft orew?	that drives governor
V	It bullens loose	has me	(a) hu6	a ct off
		1	110	DISON, General Manager.
Johnna Referred	to Mr. Detto	1/2809.	for ext	planation. 2 Feets 12-16
		Miss is a	De min in	sechanic
4/4	Anne Soule	Calmust H	Proper des	tion out of word
	ad Signit - Draste	(de transfire	Pulints >	a drew that is dill
	21 they are a	lauren de	4. 14.08 AT.1	1 1/40 1 P
		Ü	,	and the second
_thi	being as	Ed wood h	ullest ha	s One Onetal Hub
_bu	tis Split + s	equired to the	a Shaft by	/ Classing with
·	to through Hut	Each side of	shaft som	was in we on line
_sha	the in almost a	ny shop or	mill are mi	rde for & velge listo ho or
I believe,	Thospully Occasi	mly dry out + S	lex but as a me	le gine Me trouble.
New Vil	lage, N. J.,	090 11	190 .3	AND
	costes 1	WHILE 05		11625
1.6 1903	12-13-03	12.1.		
9: 100-				

Grand effice.

Sec 25 203

527

TROUBLE INQUIRY.

Edison Portland Cement Company.

			Orange, I	Ň. J.,	Mi -8 933
Mr	• н.	S. Houlton,	Мападе	er.	
	Оп	Inspect	ora Re	eport of	Dec. 2nd,
Item	281 driving	8- elevator #2	Depart is very dir	ment ty. Barne	es, clean.
	Yho	se fault?			r
					J.
1. no. no.	to Mr.	9-23 Banus -1			ISON, General Manager.
an diol	how to	1 0. 16	gine as	& Day	on this best whose fault,
in to	ter el	atatte da	he le lea	noild	have no troubd
low	years	6 11	to the	chami	/ /
the	notes	12,14	metal clare	timing An	the to hope to unjusted as of time sum soul they do but Jamopaul
1	v14m2	N		190	ame

DEC 9-10-2

Swarp of his

DEC 24 903

562

TROUBLE INQUIRY.

			Orange, N. J.,		
Mr	H. S. Mon	ilton,	Manager.		
	Оп	Log	Report of_	Dec.	4th,
Item	2-07		Department		
_ Shut belt	down- Head by stepping	pulley slip on it.	ped Conveyor No.	1.03 Tr	ving to start
/	Belt :	slipped on 10	3 after it was t	eken up.	Why?
,	llelw	u Gepenie	nce runs C	ounter	to the
	aking	E 18 20	muchpect	- There	s something
	ronglan	miodere	(/		
	-	1	1,7		
	1	/	THOMAS A.	EDISON, C	ieneral Manager.
			INY		
So mer	d to Mr.	16/10/13 12.	100	explanation	2 Pilling
Referre	d to Mr.	VIII.	dalt he	of Poles	
	+ to it	10 + 15	expansion	+	4 land 7= 1
_ 04	a co of	the the	a francis	4 - A	were tany
P	eace to	Vitre time	+ 1.	1-1	acre the
- Fre	anateo	· Www.	141 /	allines	ne le al
160	force we	pot it	settled down	n to p	asper Class
	0	<i>V</i>			
2. We t	have deare	hed for "aven	etting wrong"	and ca	mot find it.
H. f.	et has had	25'-0" to	ben out alter	the 10	a alone side
1.10		mut. lost X	understand H	A 41 6	elt has had
had 4	- Culture		,	all ried	
Larren	out before	· However			
and a	rel marca	Teins Against	to the fact that	The extra	ene feet was the
New V	illage, N. J.,.	Ship (E)		11:5	141 71 1
	withis	Sic	19	111/7	1 letter
	12.13.03	dell'.		. , ,	1
1 6 1903	. 70	22-25			
C 9 - 1905			_		

Stewarterelle N.J. 12/9/03

Lemas a Edison. My Musm Please nate contents of Crange Wil. This letter areturn and will be change), when The troubles with the roll plates are the following, the only defect that I can see in the design is that the bolt heads should be larger in diastris is now being done. Kearly all of the troubles with roll blates can betraced to theor workenauship such do hado of followof fitting counter fore in plates Improper Tocking of folto, dist between plats and anthrop dist between heads of both and plats, dist between muto and arrow, hut upsidedown and not on aguare, Plates planed from our to,000 aut of true, Hole drilled from 0 to 16 out of line with center line of plate. Hudfret are not always foresunt but have occured several times in our last run. I have is often to much time spent in refolacing troken plates and assurpling a new set of plates ou rolls, Usualy the broken plates and folto, I find at noon, I have twenty minute thingset Challe and chinker grinders when I find any Thing wrong I report it to the forman in charge as I don't have time to report it to her, mason or mechani-- cal diff the forman in charge sends as messenger to - tes to find them as they may be looking after a for some where else, they then send a man to report the delet, the man does not always know the nature of the trouble and when he gets to the roll, he finds he does not

and from the way the rolls are running until the following the way the rolls are running until the following the forward side of hollowing flator now the helt nearest to center him of falationing the strain first, and if the blate continues to move trackended until the blate continues and of plate touches helt it cannot be assisted in and falate touches helt it cannot be assisted in the first factor of the same follows to broth and explaines why some flator sound solld when first faut are and hollow after running a short time. "

Respectfully yours

may aym.

Brarey Hills

000 **24** 903

THE EST THE PARTY Number 603

TROUBLE INQUIRY.

			Orange, N. J.,	etc 2.0 .pgs
	Mr. H.	S. Moulton,	Manager.	
	On_	Log	Report of	Dec. 6th,
	Item6	-30	Department	Clinker Grinder.
	Shut down-	broken staves on s		nveyor No. 130.
/-	·	an anything be don	e to stop to ouble	with special idlers?
2-	<u> </u>	teson by	AND S	of Gut 9
Ja my 1. 12/22/0		te yen yit	tealfund'	that from
14/22/0	u.	elnat las	the long	a ~ ~ ~ ~ ~ ~ ~
	bel	t lagging or	THOMAS A! E	at-ably 62 Gelli, DISON, General Manager
	So mr. marion Sca.	11-03 Pelling - 12	12:100	
	The spe	cal ideas a	a meanly a	devas on The
	under si	Le of the bel	t. are 130'	Long Lor 36" left
	and the	belt turns don		
	a heavy st	ain , wearing	' 00	ravidly for 3 to 6"
	from the e	nd. and eve	n when nea	ale wohn out the
1-	rest of the	idles will	he good, we	tru to run there
′	as long as	possible to	et the limit	Of service and
l	are object	with replace	/	Possibly a light
	, 1	/ / /	They las Mac	es would be a
		estonent.	Hul (thes i	a very grod suggestun.
		uld use Etter		
	New Village, N.		J	J 200
	wxtrus.	_	<i>\bigvert</i>	7 Illing
•	12-16-03	DEC 22 May at le	n well try one	of each (Cufe ?.
DEC 11	1903 🥎	DEC & MILEY	1	estm.
				12-22-00

605

TROUBLE INQUIRY.

Edison Portland Cement Company. ALL LO DOS

			Orange	e, N. J.,		
Mr	K. S	. Moulton,	Man	ager.		
	On	Inspecto	rs	Report of	Dec	. 5th,
Item	2859			artment		
sarnes.	there	ields of mo is an air c and olean.	tor drivi	ng Con. 13 just belo	2 are ver	y dirty. Better con-
	Ir h	and bellows	were car	ried by in	spectors	and blown each
						acticable to
						L practically?
Vhy doe	s dust	get into ch	unber of	132 arwway	?	
Some made		11 / Barrer 12				eneral Manager.
	-/-	//				
- Than	el _p lsel		emse		speel	
March.	out of					t mon
wind	aus.	,		Mya Mts 1	,	
allan	Alast	- me has				291/10
and.	by 1			_		~ CO~
gut to	Thos		nots		all &	Chart
why	not		in H2	llausi	/	vots value
asshire	2-4-2-	at fl	tare 6	20 unc	can .	lear it
in of	mid	uncles	12lan!	- when	Decido	url
New Village	N. I	10 100				anen
	,	12/1		1903		- 0 - 0 - 1
-607MS	,	/2//	-	1903	ami	-

[ON BACK OF PRECEDING PAGE]

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	888 2017 2017					Part	TROUBLE	
e Cantaid							QUIRY.	,
Coll mot farm and Commot Through fore Ible	They gin	ath a and s at a	atte	when load	mb the	ast g	dram with	**
Wambe gottenda Cover v	y fan Dom	a elo	the Dithers &	can.	Ser Vira Ourts	the Co	de hanse oto	ay,
and lo	far n	u hour	- has	1 96	Gron	En to	Keep the	

ware garage

Number 607

TROUBLE INQUIRY.

			Ora	nge, N. J.,	001 JEO 1000
Mr	н. 1	. Moulton	М	anager.	
	On	Inspe	ctors	Report of	Dec. 5th,
tem	2862		D	epartment	
One par	al spring e using la	very weak rger wire	on safet	y device of	Elevator #2. Hufmar
	What i	s being do	one in wa	y of getting	better or rather,
longer	and more	elastic sy	orings an	d dust proof	oil casing here?
				()	
				ω_{lj}	
			7	THOMAS/A. E	DISON, General Manag
	to Mr.			for exp	olanation.
- T				n 5/htal	12-11-03 - 60-
ew Villa	ge, N. J.,	./ 2	-/3-	190.3 	m awn.

Arong High

N. 84. 12

608

010 :10 sus

TROUBLE INQUIRY.

			Orang	ge, N. J.,	
Mr	H. S	. Moulton,	Ma	nager.	
	On	Inspect	ors	Report of	Dec. 5th,
Item	2863		De	partment	
One rep	pawl spr lace usin	ing too shor g larger wire	on safe	ty device of Bl	ev. #2. Hufman,
	V/O	y was spring	made too	short, when it	was known that thi
18	an import	ent place?		- U,	
				AW	
				- 10	
			Т	HOMAS A. EDIS	ON, General Manager.
hic iola ib	A it is in last in last in Large	Aufuan Collect sa as heard an and to an and to an and to an and to an and to	in a lich	Joseph Grande in January Para Carlo San Carlo	manus Luch
	illage, N. J	12/18	-	190-3	

Stewartsville h.f. 12/10/03

Mr - homas, a, Edison.

arange h

lear Bir

The troubles with scraper conveyors are the following, thrust of which pare not large enough, wheels are not kept ailed, rails do not have proper ending at head and Fail pullys, oil plugs wearing ending at head and row pund are contingated iron indust bins shouli bage of rawhide glaskets under ail cups, when running one side of head or tail pulleys are left tollow before remeding. Conveyor #139 is in a very bad condition due to not applying the proper remidy (new whele) the first line there was trouble with it, the guage of track was changed by Mr Cary to suit badly worn wheels, shortly after several new wheels were put on and the result was new which would climb The rails spread the track throw it out of line and allow worn wheels to run between and off of track This occured several times and strained the ropus so bad that it is a hard matter to make ropes track right on head and tail fullys. The cause of near drine shaft bearing on chuber grinder, #1 was due to hearing not being dowled to girden, this for was done at night the man that done it told me hm Kader instru--cted him not to dowl bearing. It has been discovered (be Hufman & dillo) This afternoon that left roll shaft of chinker grinder # 1 is broken in center, rolls have not been taken apart yet and I cannot state nature of break but of Thinks shaft was weakened by putting in abrews to seeuse ashow

236
194- (Lock got 1 Super 1 S

58 Bry black

TROUBLE INQUIRY.

Edison Portland Cement Company.

		O	range, N. J.,
Mr	H. S	. Noulton,	
	On	Inspectors	Report of Dec. 7th,
Item	5222 clock A.L.,	found man aslee	Department of Blev. #2. Noted
st 4		ss men found ask	eep in Netor-chamber of Elevator #2. a about it i THOMAS A. EDISON, General Manager.
	d to Mr.		for explanation.
e o	lotify, les cha und ha util me in has	yel but	Sugar had have found I was luntitue district what forming there was forming
New Vi	llage, N. J.,_	./2-,	15_1905 -wHu.

DEC 12 1903

JM 21 94

DEL 121 2013

Number 612 TROUBLE INQUIRY.

Edison Portland Cement Company.

DEC 111 1005 Orange, N. J., H. S. Moulton. _Manager. Inspectors Report of .Department EDISON, General Manager. John mason Dre 12-03 Referred to Mr.___ explanation. New Village, N. ail sest DEG 12 1903,

TROUBLE INQUIRY.

			Orange, N. J.,-	18, 6 (E. W. CO.)
Mr	H. S. 1	foulton,	Manager.	
	On	Log	Report of	Dec. 7th,
Item			Department	Quarry
Cars.s	ent to C	rusher plant-	187	
	Why	is it that wi	th 187 cars sent	to Crusher plant and a
crushi	ng time	of 436 minute	s, that only 157	cars passed through ar
				7 112 tons per hour?
			AW	4
			•	EDISON, General Manager
			/2-/3-03 for e	
First 103 1	itrus	on lo	g shows	That we waited
We m	der n	to dry	A around	ford on come
lew Village	eo. N. J.,_	Dre 14		Dingm.

elles ste that showe Stewartwille N.J. 12/14/03 Mr & homas a Cdigne. OfangRolls cloud got Noted by VOHMas Dear Sir tshaft of Clinker grinder # 1 was a and had crystallized I this He shaft was That got in clinter stock due to carleines of new working on convyor # 128 a short tim ago thise Irollowere him broken plates there he plates ou clinker grindes but a large roben all chalk grinder an late They are vernoued as soon as it is discovered when we first started up they for weeks with proper plate. I know that nope sheares on grinders do not get enough ail often the ail hole in shaft gets so much ail dil will nun out of ends of shalt where ail pipe enters when this occurs roll men shut off all supply, wool packing around the ail pripes shafts does not keep all in nor dust out, some time god I found oil hole in one shaft on challe grinder pluged with wool so that his couldnot feed to Sheakes This was caused by gold men rofees fulling ail faite out of end of shaft and showing it blek in when faits was fulled out wood closed in space occupied by laipe when faite was shoved backin wood caught on wentin, ahead of pipe Elosing oil

40

I he bottom girders of climber grinder # 1 are wore quite bad (about 52 dup) would suggest that residium oil or grease he used as shown in spetet I know it will reduce friction and mean to a very large extent and will can be applied at a small dypense. The use of haffle plates in hopping formeder is a bad thing by the use of Joy only get about 1/2 to 30 gations that does grindin and the one delinero directly du one cheek plate which we are very rapidly and allowers a large amount to basothrough without being ground How would it do to have a let a plates tried with corrugations castel alit of center of plate by this the whole surface of corrugations would would get turn left roll of climber grinder while vinspected er knew are man to turn roll alone before. Could them not be an movable cheek plate next to intermediate roll that would afree and close with roll of think it could be appearated by the mornent of hearings indipendent of each other Uningine a large amount of are posses between cheek plats and

iate roll that is not ground, One of the worst Traubles in clinker grinding plant is that they cannot get enough feed to grinder # 2 to apen sparling rolls more than 30 which is not enough, it is claimed by The forman to faut on more field will overload Ele # 2 and cause fuse to blow, last week OBrism was off and I spent as much time as I could at chinken eder I found that one was going over overflowed Ican # 132 and they had con #129& unning at its slowest speed (one noch on starting box) and spacing rolls of grinder #2 ofsen from otoff. I had them to shut down and shovel out Sdump on con #132 of they discovered that a adjustable plate called for an drawing had been amitted and a large amount of are was running over overflow that should have gone to grinders, I took measurements and made a plate that rolised onerflow 4" and putition at noon in the afternoon theywere a file to run from 3 to 5 notetro on starting box which increased author, build suggest that you appoint some one to spend two weeks at clinker plant and find out why year. count be fact an frieder #2 I know that it does not get enough feed and I believe the trouble lies between Souly of cou#132 and the rolls, I have never saw 36" belt drivings grinder slip and I know that the helf is to tight Belt dressin is being used an helt somuch that there is foatthe of it outsully and helto & dup I believe that the the belt slighting immaginary. I discovered to day that a armature shall taken out of you # 125 has a grove wore in it 52 deepe caused by hardwad oil chain This is very serious and there should be no delay

[ON BACK OF PRECEDING PAGE]

Lough to at such Our at Thiseont

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628

TROUBLE INQUIRY.

			Orange, N. J.,	NEC 115 1903
Mr	д.	S. Moulton,	Manager.	
	On	Log	Report of	Dec. 10th,
ltem			Department	
Stop	feed- Dr	yer choked.		Annual buttering by prescribing 1829
	Wha	t caused Dry	er to choke on Arbo	inste which I have
unde	rstood do	es not choke	. // ,	
,				
-			1, 01	1
	:		/ / / / /	1
			1 00 /	
			THOMAS A F	DICON C
			I HOMAS A. E.	DISON, General Manager
	to Mr.		//- 43 for exp	lanation.
Carbo	nato r	ck was	very dirty ar	I wet class
				then servino als
				Enry # 103 alliqued
This	a.m.	and had	bru waiting	some time to
nek	. 12	reflected	to give files	nan time
aus	uoh ?	& get 9	Onger Thorong	tely hot,
Cons	exuri	the one "	and not the	slide from
toll	le st	dtes na	dily. We had	let fino go
down	a whi	le wait	ile for rock	It was no cresar
* m	in stead		if not of day to	kerjo platie chal
		90 EC -		
arg	seus.			ugner.
7012	-A-0.3			V

Brown of Lies

TROUBLE INQUIRY.

			Orange	N. J.,	DEG	31.55 903	
rE.	S.Moult	on,	Mana	ger.			
	On	Log		Report of	D	ec. 10th	,
tem			Depa		Cli	nker Gri	nder
Shut do	own - Cou	pling holt	loose on g	rinder.			
	What	coupling b	olt was br	oken and h	iow?	This is	new.
-			:				
11/1/2	1000	9-200	Bout	ell	3 6		
1 1100	-201-	(1000		M	2		
			1	H.	7		
			100	Red 1			
			1 M	201			
			TH	OMAS A. E	DISON	l, Genera	Manager.
eferred to		C/3mm = 12.		for ex			
The	Boll	"That	Vas 13	when	W	m in	Conflin
	Conu	ecls_D	unes	lley !	Kath	· Kold	2
110	u k	alled u	1 /- 1	MUFO	t al	willes	1- Mino
11 /	var 1	unea a	count	and an	1	reas an	or on h
				/			
2-14	trust 1	Le abor	u is F	the man	on	for ly	act hun
0							1. Hui
New Villag	e, N. J.,	Dec	17	190 (70	20.	
101	Hus	with	· H		HIL	Zum	v
12-	18-03	1-12-0	77				

TROUBLE INQUIRY.

			Or	ange, N. J.,	DEC 3129 1903
Mr	H.S.M	oulton,			
vir		Log		Manager.	Dec. 11th,
	On			Report of_	
tem	6-18			Department	Clinker Grinder
Shut on e ring	down- Di levator 1	st rings [0. 131.	worked ou Waiting f	t of bearing or oil men t	s-on flexible shaft o pack bearing and put
Is in hole bett char loss read once show	why t because s are dri er to go ge rather of 71 m the log.	did dust cotters lled larg through t than to nutes the Will Mr	rings wo shear? I or and ls he plant wait unti t probabl . Mason t		arings on Elevator 131? every time this occurs, -in. Wouldn't t'. be- tant points and make the savelops? Here is- been prevented, as I been prevented, as I been provented, as I been provented, as I been provented, as I been provented, as I been provented this bug before and the bug before and th
	1 to Mr.		0 -0		explanation.
n Re	all bea	blowing	- pass		wo - Blown fung
		- i			
New Vil	llage, N. J.	,	1211	8-1 1983	411

Was II. Newsames W. S. Mattown,

THE EDISON PORTLAND CEMENT CO.

W. H. Pitatso, Store At Nations

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J., Dec. 15, 1903.

IN RE Special Inspector's report. Mr. Thomas A. Edison, C. M.,

Orange, N. J.

Marse- wahat de you chante of this

Dear Sir:

Wire ropes on 3 high rolls. These ropes wear out on the outside. The inner wires of samples I have examined are in good condition. The ropes whow plainly that they have been chafed off by rubbing against something where they should not. This seems to be due to wrong alignment of the idlers and improper shape of grooves. I understand that these sheaves were provided with 3/4" grooves having straight sides and 3/8" ... radius at the bottom.

If they were made with 5/16" radius at the bottom, and with sides forming an angle of 309, or as near this as the width of the sheaves would permit, I think the trouble would disappear. The difference between the lives of the ropes at the chalk rolls and at the clinker grinder seems to me to be of little consequence. Both are running under bad conditions and with bad results.

I would recormend changing the grooves on the grinder now out of commission at once.

Yours truly. a. L. Goddard DEC 18 1907 DEC 22 1903 DEC 24 1905 Referred to

disword by WHM . 12-12-03- See Cetti, 6 19. Mu. E.C.'-

Buores affror

DES 24 003

644

TROUBLE INQUIRY.

			Orange, N. J.,-	DEU 1.6 , 2003
Mr	H. S. Mo	ulton,	Manager.	
	On	Inspectors	Report of	Dec. 10th,
	2894		•	
Item			Department	
to h	ead pulley	s wearing very	rapidly on lower Pilling, is the	brush here U.K.?
		CONTRACTOR CONTRACTOR	The same of the sa	
				3
	Will	Mr. Mason try	the experiment of	covering a new
spec	ial idler	with belting l	agged on or pure	1/8 rubber to see if
anec.	isl idler	is getting to	he a nuisance de	Historian weer - This
done	in the wa	y of experimen	t to cure the ev:	T. T. S.
				15
	:		/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
	-		/ 1 111	1
				/
			THOMAS X. I	EDISON, General Manager.
	- 1			4
is me m	acon , Dec 177	κβj	U	
Referre	to Mr.	Muy carry ou	t & pennto for ex	colanation.
4	as	anditul- 12	-18-03	•
45	-1	++7:		in these idless und
			one carnes	in cluse collers wel
ame	w of 4th	opping the t	rouble	
Thes	e elecia	c'idellas da	were beaver wo	ale and I don't
1	Lee	+ ^	ne lawickly in	me blace Thom on
velue	ve they	vear our a	my quicker in	on place them or
they h	and beer	running	about one	mal dere the of the
and	oned a	muchon h	as had its al	and of the tability
0 +	- 4		2000	If at the
Cut	all give	ing out for	actically as	out the same to
_aire	s the ap	ikerzance.	of rapid w	earing, more do
ihare	the the	- 40	8 /	<i>f</i>
	my energ			
		1		A.
New Vi	llage, N. J.,	Sec /	1903	ma Iloc.
			1	07 Felling
	WHILE S			w running
	12-2			

Brown of April

N.C 2018, 2015

Number 649

TROUBLE INQUIRY.

			Orange, N. J.,	DEC 1.6 SO3
Mr	н.5	.Moulton,	Manager.	
	On	Inspectors	-	Dec. 11th,
Item.	2898	-2899	Department	
	Orange, N. J., Manager. On Inspectors Report of Dec. 11th, 1889-2899 Department. 2899-Three mesh broken in rear bottom egreen of driver #7. R 2890-7891260. 2800-7891260. 2800-7891260. 2800-7891260. Where is Driver No. 79 This is a new one on Me. Or these reports are not read by persons who should read the green and the control of the contro	and the state of t		
so, I that meant	reports of mistal notice in the service strains and the service strains are service strains and the service strains are service strains and the servin	are not read by the not detected to is marked for the plate is re- tatch be put on.	persons who she perhaps it. Hufman to replain moved when one is I understood in	nould read them, conse- is Dryer No. 1. If ace. Do I understand
			THOMAS A.	EDISON, General Manager
		Jayne -12-1	7-03 for e	explanation.
Th ds The	is was not su he Pal	them after there of the	they are lype	putoss book, & writing will seven is commeal to seven luffer 12-18.
		<u> </u>		- 20
for	Knight	onto after t	1 .00	emorther and anto fl
New Vi	lage, N. J.	12/18	1903	M. A Janas
1903	and six the	s case . I did	not notice that	The numeled used was f 17/19/03 S.S.

Share of This

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656

TROUBLE INQUIRY.

			Orange, N. J.,	L 16 808
Mr	H.S.Moul	ton,	Manager.	•
	On	Log	Report of	Dec. 12th,
tem	8-26		Department	Crusher Plant
throu	stuck in s	witch at foo	t of incline, Caus	e: cars pushed too far
_I_hav			11 11	s reported right along
snawe	Υ.		11/	
			THOMAS A. E	DISON, General Manager.
n na	to Mr.		for exp	planation.
D H	wrotege of is who		landier of the	orrocas
- hu	- of the		9	+ could not pul
the	boul!	of set too		had a sign
1-		is Catho	is that Purys	
1/2	named !			
·su	gywnif d	nature	Junt car.	Sure told weather

Co. principals

THE EDISON PORTLAND CEMENT Co.,

.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. Dec. 16, 1903.

IN RE Motors:

Mr. W. S. Mallory, V. P., Orange, N. J.

Dear Sir:-

er of the 5th inst., in rematter of

Referring to your letter of the 5th inst., in rematter of taking ammeter readings of motors at stated intervals, I beg to report that, after having discussed and experimented on this subject form time, Mr. Goodwillie devised a portable connection which can've altachage to the terminal boards, by which means readings Gay be taken without shutting down the motor.

Mr. Moodwillie has already taken readings at Wariojam points to on the plant, and this work will be pursued as fast as will be found to be consistent with giving the regular and emergency work the necessary attention.

Following is a statement of readings taken in Chalk Grinding Plant, up to the 12th inst., to wit:

| Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | Settle | S

Mr.W.S.M.....2.

This is a good average load for the Chalk Plant. The ammeter at switchboard varies from 360 to 550 amperes. The blowers alone will vary 60 amperes from slowest speed to fastest speed. Conveyor No. 109 sometimes goes to 200 amperes.

We will be pleased to carry out any further instructions which you may have to give us upon this subject.

Yours truly,

H.S.M.

The Elison Perila ! Coment Co.,

WH. II. HERMERSON,

W. Pt. Mallows,

THE EDISON PORTLAND CEMENT CO.

W. S. PHAIRS, YHEARDERS, THERES I. CHARR, SECURIARY, TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. Address) STEWARTSVILLE, N. J., Dec. 19, 1903.

IN RE Special Inspector's Report.
Mr. Thomas A. Edison, G. M.,
Orange, N. J.

Dear Sir:

Jacking 3-high rolls apart: The rolls do not spread alike on both ends. The front end on all three 3-high rolls ordinarily opens the widest. Sometimes they will run for hours with the front end open 1/2", and the back end open 1/16". This, of course, is measured at the friction rolls. Mr. Mason tells me that he has seen the back end open the widest for a short time, but they will not stay that way, but soon change over to the usual position. On Dec. 16, #2 grinder ran with front end open 1/2", and back end open 1/16", practically all the time it was running. Dec. 17, in the morning the chalk rolls were open 3/8" and 1/16" when the feed was heavy with feed light owing to hanging up in the "Bijou", rolls were open 3/16" and 1/32". On Dec. 17, atnoon, Mr. O'Brien put a deflecting plate in the chute about 276. above the rolls, so as to throw the feed to the back side. When started up the front side opened 1/16" and the back side 1/2". They ran this way about 20 minutes. Upon increasing the feed they swung over to the old conditions, and ran that way till shut down. On Dec: 18, in the morning, they quickly took the customary positions, open on the front side about 1/2". I had a 1" sq. bar turned up at one end to hook into the gain cut out on one corner of the bearings and with a chain, led out to the end of the housings, and a crowber, I exerted an estimated pull of 5,000#, but could

Sheet:::::::2

Mr. Thomas A. Edison, G. M.

not spread the back side. Later in the morning, after a shut-down for repairs to the elevator, Mr. O'Brien, on starting up, reduced the air to about 35%, till the back side of the rolls were, with light feed, spread the most. This time when the feed and air pressure were increased, the rolls did not swing back to the customary position, but became nearly even with the back side open a little the widest. The distances were, for the rest of the morning run, and the aftermoon run, about $3/6\pi$ and $3/6\pi$, and $1/4\pi$ and $1/4\pi$. Once when the rolls seemed to be swinging over to the old position, but before they had become very uneven, and estimated pull of 1,000% seemed to bring them back. I would want to repeat this a number of times before convinced of the fact, but did not want to interfere with "well enough" condition of running.

Sometimes the rolls become so bound by cremping and dust in this oblique position that they do not come together when shut down. here there is a generally prevalent theoryxthat this uneven opening is due to the direction of lead of the rope over the tightening idler. This theory absolutely will not hold water. If the resistance of the tightening idler were appreciably greater than the other idlers, the front side of the rolls would have the greatest tension in the ropes, whereas the front side ordinarily opens the widest. I think this unequal spreading of the rolls is due to unequal friction and a sort of ratchet action of the dust. There may be a slightly unbalanced effect of the feed to the rolls, but no lack of symmetry of chute can be noticed. I think that grease cups in the girders over and under the center of each bearing will reduce, if not cure this trouble. If the grease were kept flowing from center of bearings to outside, the dust could not work in. If it does not remove the trouble, I think a few

heet.....#3.

Mr. Thomas A. Edison, G. M.

hundred pounds load introduced either by counterweight or spring, and adjusted occasionally will complete the cure. When running with the rolls apart on each side about 1/4", they passed about all Mr. O'Brien thought the elevator could carry. There is to be an ammeter on the elevator motor today, and I will try to get the weight of fair samples of load in several buckets. There is rarely more than 3% in the by-pass, and I have never seem more than 5% there. I shall continue to watch this when opportunity offers.

Yours truly,

a. L. Goddard

THE EDISON PORTLAND CEMENT Co.,

W. S. PILLING, THEADNESS, THERON I. CHARL SECURIARY, TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. Address) STEWARTSVILLE, N. J., Dec. 21, 1903.

IN Rm Special Inspector's Report.

Mr. Thomas A. Edison, G. M., Orange, N. J.

Dear Sir:



3 High Rolls, supplementary to Dec. 19: On Saturday morning the rolls spread videst on the front side, and 6,000% pull on the bearings would not change them. Later, when the air and feed were manipulated as to spread them evenly, 6,000% full would not hold the back side open, but the rolls swung around gradually till the front side swung open about 1,06°.

The back side of these rolls is the drive side.

Nearly all the load of the conveyor went through the rolls; very little went down the by-pass.

The ammeter readings on Elev. 131 during the morning varied of from 175 to 200 amperes. Most of the time it was about 185 amperes. At noon, Mr. O'Brien and I fixed the load in two buckets to correspond as well as we could judge to these conditions, 190 amperes and 175 amperes. The heavier load weighed 195\$\vec{\psi}_{\psi}\$ and the lighter load weighed 80\$\vec{\psi}_{\psi}\$. The buckets moved at the rate of from 107 to 110 buckets per minute. The pitch of the buckets is 2', so that the elevator runs from 214 to 230 ft per minute. With the motor running 700 R. P. M., the elevator should run 222' per minute. Allowing 105\$\vec{\psi}_{\psi}\$ per bucket, and 110 buckets per minute, the rute of pussing of material is about 345 tons per hour. This

Mr. Thomas A. Edison, O. M. seems very high, but, allowing 80% per bucket and 110 buckets per minute, we would have 264 tons per hour. While this is still high, it is quite certain that the elevator generally carries more than 264 tons per hour. The lower chilled plates in the hopper over the rolls are worm off at the corners, and it is probable that a good deal passes down that way. There are 136 buckets in the conveyor, and, of these, 65 are loaded and noving up at 220 ft. per minute. At 105% per bucket this is equivalent to 45.5 H. P., and at 80% per bucket this would make 35 H. P. If the current consumption were correspondingly 190 amperes and 175 amperes, this would give total motor and machinery efficiencies of 78% and 65%. The former is probably too high. The latter seems to me to be about right.

The rolls come together to within about $1/16^{\pi}$ at the ends and $1/8^{\pi}$ at the middle where worm.

Yours truly,

Q. 1. Goddard

TROUBLE INQUIRY.

Edison Portland Cement Company.

	Orange, N. J.,-	المال المنات المال	-
Mr. H. S. Moulton			
OnTog	Report of	Dec. 16,	903
Item Rosster Plant	Department		
.55 P. M. Shut down to clean	commutator on ros	ster motor.	
Ts commutators on kiln	motors still troub	lesome? Did:	t cutting o
ica cure the sparking? Why is	s it necessary to	lean commutat	or. There
ems tonhave been three timesin	n 24 hours Why	is this?	
	1/10		
	114//		
	THOMAS A. I	EDISON, Gener	al Manager.
			ar managori
Referred to Mr. Mason, DLC 2 3 1903	12-23-03 for e		
Referred to Mr. Manux.	over tor e	eplanation.	to I for
motors about		- 26 17	7 1.2
/.	0 .11	11/2	was
and own	about	4	44
there mouns		Jun	all
myst untill		dec 1	4
		nced	7
give tokuk	a access	n it	when
found then	That I	offen	Luch
worn down	to mic	wale	in.
We have no	w com		
	event b		1:1
New Village, N. J., 12/28	100 7		
New Village, N. J.,	1903	d-no	
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A 12 128/			
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DEC 23 1903

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	chilise	10	بالمناص	ueling.
commita	Orange, N. J.			
	Manager			
	to Jacquet of			;; (Ott
	Department		1.	0
			Nati	Pari
	10000		lature of Trouble	
of the second second	White the state of the state of	1	of T	
1 14			101	1 10
			ble_	
30150Pl, General Mauager.	THOREAS A. (Department
				pari
splamation.	es rol	-		erred on Mr.
		1 1	. 1 .	1 #
1.0				

Brang ullis

Number 677

TROUBLE INQUIRY.

_	Dec, 15,1905 Orusher Plant th steam pipes in
Department ants arched over of giant hopper wi	Crusher Plant
ants arched over	th steam pipes in
of giant hopper wi	
_	
_	
THOMAS A. I	EDISON, General Manager.
for e	xplanation.
a nadenta	- and + h
//	withy Edpun
<i>V</i> •	
12.29 100 1	
WH	masen.
	s radiates tuppen + i

684

TROUBLE INQUIRY.

			Orange, N. J.,-	illy was also
Vi	H. S. 1	Toulton	Manager.	OKC "
	On	Log	Report of	Dec. 14,1903
tem	10/25		DepartmentCl	inker Fine crinder
Thr	ee belt b	ooks broke i	n drive nelt of grind	er. Waiting for belt
men to	pat new	hooks in bel	t. Mill men helping	belt men and cleaning
mill	. 161	minutes.		Λ
Day r	un on fir	e grinder is	a pretty tough shwir	M//
				W
			forty minutes to lut	three belt hooks
1 36" d	rive belt		———/, V	O 1
			THOMAS A. EI	DISON, General Manager.
		n. DE C, 2,3 1903	13 3 3 - 6 3	
Referre	d to Mr.	s a mia	12.23-03 for exp	belt man who
Mat	had	marchi ex	Benezice with	such matters.
But	every	at this	the three do	not very load.
The	better	these C	linch hooks an	e put in The to
it to	abes to	11	out this has	to be donevery
gane	fully	0	damaging the	4 1 1 1 1
best	· house	we have		make with a
ang	le oue	· wac	not one how.	
New V	illage, N. J	Dec	234 1903	05 Dec.
	5,			V tollen

TROUBLE INQUIRY.

			Orange, N. J.,-	DE	200	
				ي.	, h	
Mr	H. S. Mor	lton	Manager.	0		
	On	Log	Report of		Dec. 14,1903	
Item_			Department		inker Fine Grin	
Belt ho	oks broke o	n drive helt	Waiting for be	lt_mer	to put new hoo	KS
in belt	. Mill me	n helping be	elt men.			
			nk on drive belt.			
show th	nat when bel	t hooks are	of right kind the	the	will not break	
soon at	ter using e	xcept that 1	/ / / / /	~		The
wrong 1	for some tim	10 .	There is semething	ron, EDIS	find out reason here and has been on, General Mana	on and been ager.
Referre	ed to Mr. Mason	Putin	ci /2.23.03 for	explan	ation.	
	the brine	ibal can	se of breake	gu	was that t	tie
hon	to were		in the back . n	oti	the book p	ant,
wil	to all we	have use	d we have a	une	had but or	e Bullout,
We	were con	upelled to	use there for	ster	ers owing	to the
del	as in rec	ewing of	tiers which ha	d be	en ordered	y Xpres
one	Her 2 nd	and con	esequently ha	pl to	stand the	crouble.
ag	ain I ad	mit that	the belt was	Los 3	ight. It ha	dben .
cult	of to en	able the	repairmen to	Pu	I rees shea	& tousting
in	the pulle	y and	when we cut	17	This belt is	must
sta	nd a to	he up	1	reser	rse have a	ada
fille	a put is	. make	ug 2 cuts an	ol a	feller 8 c	onger.
New	Village, N. J.	, \ \d	EC 24 1903		(D7 Fill.	
e mu	et take a		of drawing up			think it
cossible	e. otherwi	se we wo	held little la	ve to	have a belt	factory
resistant	fure. or p	out in m	ore fillus. I	wish	to say tha	アファ

[ON BACK OF PRECEDING PAGE]

think we are about through with these breakages on this bett. as we have the kind of hooks we want. They are in good, and we expect a good run out of it as now find,

TROUBLE INQUIRY.

'00 29 903 Number_

688

TROUBLE INQUIRY.

			Orange, N. J.,	DEC 22 1903
Mr	H. S. Moult	on	Manager.	
	On	Inspectors	Report of.	nec. 16,19 ₀ 3
Item_	5281 to 528	6	Department	
			114,111,1091112	
				ad. If teaked out car
t be st	opped. Ifoil	-is-said-to-b	e-had-send-me d	sample.
-			1.7	
. —			11/	/
-:			THOMAS A. I	EDISON, General Manage
Referred Referre	l to Mr. Mason. D ed to Mr.	E G23 1903	2-25-05 for ex	splanation.
T;			ars were	all provided or
	The oil		leek out to	not wears and
		ed dock of		the short of the
		panell		any of them
N V	illage, N. J.,	Da 240T	190 &	
New V	mage, N. J.,	die did not will -	120 m)	nover
	My 128/03. Jones	delle did not be able -	ail	best

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689

TROUBLE INQUIRY.

		Orange,	N. J.,-	DEC 22 907
Mr	H. S. Moulton			
	OnInsp	ectors F	eport of	Dec. 16,1903
Item		Depar		
Several	wheels-dry-on-Co	nveyor 139. Mo	er, XEEXY	Examine dry wheels
and see	if there is oil	in cup.	11	
			14/	
Are you	trying grease in	wheels?	W	
			110	
		THO	MAS A EDI	SON, General Manager.
Referred Referre	to Mr. Mason. DEC 2.	3 1903 Loyu 123-	o for expla	anation.
	Bani takin	Think west	oil cap	with residein
1-	had plenty	in them but	would	not go through
Ha	we put some	greau iii	empo of	Elizabie no 2
Con	113 - 118 Fur	have not s	un who	enough to get
any	result from	Then so go	*	
New V	illage, N. J. See	24 <u>#</u>	190 3	4 .
0 0 1003	Illage, N. Ja. Dee	1/2/6,	ou C	Dept

Edison Portland Cement Company Records Plant Operations - Mill Log Transcripts (1904-1918)

This folder contains documents regarding daily operations at the Stewartsville works. Included is information about the crushers; the quarry, and the weighing, mixing, chalk, coal, and roaster plants. Many of the items bear Edison's initials, as well as calculations that were possibly made by him.

Less than one percent of the documents have been selected. The selected items contain substantive notations by Edison.

THE EDISCH PORTIAND CHIRT CO.

Transcript of HILL LOG for FRIMY, MAY 20, 204.

--0000000--

Time Run Loss Folio CLI KER PINE GRINDER. Grinder: Ho. 2. Note: Putting through spill from cleanings of mill last winter. 7.00 7.04 12.00 Waiting for speed Grinding 296 Shut down - Lunch Making up shear, one shear pin fast Walting for speed 1.00 1.03 5.10 3 Grinding Shut down for day 247 543 92.03% 7.97% 100.00% Running Loss Total Indicator readings: 7.00 A.M. 56194 5.10 P.M. 58247 587 Bbls. 65.2 bols. per hour. Other departments not in operation.

The Edison Portland cement Co.

Transcript of Mill Log for SATURDAY, JULY 2, 1904.

Time	CFMENT ROCK.	QUARRY:-	Run	Loss Fo	110
7.45 8.25 8.35 9.05 9.25 9.40 10.00 10.40 10.55 11.20 11.25	watting for cars. Loaded 6 cars. Watting for cars. Loaded 11 cars. Moving up and cle Loaded 10 cars. Cuarrying down sto Loaded 11 cars. Waiting for cars. Loaded 11 cars. Moving shovel. Loaded 22 cars. Loaded 21 cars. Moving shovel. Lunch. Waiting for cars.	8 minutes switching ming track. 4 minutes switching. minutes switching. 5 minutes switching. 0 minutes switching.	me switching	In cars, and	out
1.45 2.15 2.30 2.40 3.00 3.30 3.40	Loaded 15 cars. 1 Waiting for cars. Car off track.				
Cars se Cars se Hours (ent to crusher ent to Waste Pile. drilling,		135 16 48 145		
				áv.	

Went feet doubled per deill Grow of 2

This report made every—
Cant reservain the menines love in
waching for Cons - Have it morec
Like Mell record then we can
get at forst time aparately got a
recorder

THE EDISON PORTLAND CEMENT CO.

Transcript of Mill Log for ERIDAY, Nov. 24, 1905.

QUARRY		
Timo	Run Loss Folio	,
Carbonate rock; carbonate cut.		
7.00 Waiting for cars	. 15	
7.15 Loaded 14 cars	30	
7.45 Waiting for cars	30	
8.15 Loaded 7 cars	10.	
8.25 Moving up steam shovel 8.35 Loaded 8 cars	20	
8.55 Waiting for cars	85	
8.55 Waiting for cars 10.20 Loaded 14 cars	20	
10.40 Waiting for cars	- 80	
10.40 Waiting for cars 12:00 Lunch		
12.20 Waiting for cars	45	
1.05 Loaded 18 cars 1.45 Waiting for cars	40	
1.45 Waiting for cars	30 35	
2.15 Loaded 18 cars	25	
2.50 Waiting for cars 3.15 Loaded 7 cars	10	
3.25 Cleaning slide off of loading track	20	
3.45 Loaded 11 cars	25	
4.10 Waiting for cars	60	
5.10 Shut down for day	•	
Dato Court for day	190 400	
Running 190" 32.20%		
Loss 400" 67.80%		
B90" 100.00%		
Cars sent to Crusher .	97.	
Cars sent to Waste File	None.	
		;
A-march marchs assessed and		
Cement rock; cement cut. 7.00 Loaded 16 cars	45	
7.45 Waiting for cars	- 65	
8-50 Londed 19 cars	40	
8,50 Loaded L9 cars 9,30 Waiting for cars 11,40 Loaded 8 cars	130	
11:40 Toaded 8 cars	20	
12.00 Lunch		
12.20 Loaded 7 cars	. 200	
12,00 Lunch 12,20 Loaded 7 cars 12,40 Waiting for cars 2,46 Cleaning slide off of loading track 5,05 Loaded 18 cars 5,55 Waiting for cars	125	
2.45 Cleaning slide off of loading track	50	
3.05 Loaded 18 cars	75	
5.10 Shut down for day	76	
5.10 Shut down for day	175 415	
Running 175" 29.66%	110 411	
Loss 415" 70.34%		
590" 100.00		
Cars sent to Crusher	68 _e	
Cars sent to Waste Pile	None.	
Keystone Drill:	•	
Feet drilled	59,	
Feet drilled 2 Drillers 2 Helpers	23 Hrs. 23 Hrs.	

--000--

Mill Lo	g2, 11/24/05,				
	CRUSHER FLANT				
Time	W 414 0	Run	Loss 1	Polio	
7.00	Waiting for steam	28	29		
7.29		20			
1.01	Shut down; shear on 1st 36" rear roll; 2 pins				
	were only sheared; could not get them out;		17		
8.14	started up until 3rd pin sheared Crushing	6	2. /		
8.20					
0.80	Shut down; shear on 1st 36" rear roll; took wabbl out to drive shear pins out. See above	91.	40		
9.00	Crushing	13	-20		
9.13		10	5		
9.18	Moving tripper from bin #6 to bin #1		10		
9.28	Large rock stuck in hopper over giant rolls Shut down; no steam		22		
9.50	Crushing carbonate rock	23	~~		
10.13	Shut down; no steam	200	12		
	Crushing	26	2.0		
10.51	Shut down; no steam	200	27		
11.18	Stone in 1st 36" roll; rolls would not start		3		
11.21	Crushing	6			
11.27		•			
77.57	Shut down; gate over 3rd 36" rolls party closed; filled hopper to 2nd 36" rolls; new man got				
	scared and shut down which caused 3rd 36"				
			28		
22. 22	rolls to choke	35	20		
11.55	Crushing		2		
11.58	Shut down; no steam		12		
	Lunch	37			
12.20		31	39		
12.57		97	20		
1.36		9.7	00		
3.13	Shut down; no steam		88		
4:- 41	Crushing	6.	13		
4.47	Stop feed; chute to conveyor #99 choked	20'	T-0		
5.00		10.			
5.10	Shut down for day	200	335		
	not continue to pad?	255	000		
	Running 255" 43.22%.				
	Loss 335" 56.78%				
A					
Grusnea	28 cars cement rock; placed in bin #6				
-"	108 " #1				
777 2	740' of comput wools to lite #6.				
Princed	348 cars of cement rock in bin #6			70	
	000			~	
	MIXING PLANT				
7.00		30			
7.30		30			
8.58	No bins ready Redrying bin #6 to #5	182			
12.00		TOS			
12.20		290			
5.10	Shut down for day	250			
2.10	Blut down for day	502			
	Running 502" 100.00%	500			
	Mainting 302 100.000				
	000			- :	В
	WEIGHING PLANT	,		,	
700	Weighing from bins #2 and #4	180			
70-00	Shut down for day; bijou supplied	100,			
10.00	Running 180" 100.00%				
30 Weig					
	ment rock 632070 lbs. 316 tons 70 lbs.				
	rbonate rock 411940 " 205 " 1940 "				
0	1044010 " 522 " 10 "				

--000---

79

```
Mill Log. . . 33 11/24/05.
                                            CHALK PLANT
                                                                                         Run Loss Folio
  Fay:
7.00 Grinding with #2 machine
                                                                                                  25
     7.28 Grinding
     7.38 No steam
                                                                                                  32
     8.10 Grinding; had some trouble getting right roll started this item
     9.00 Shut down; no steam
5.10 Shut down for day
                                                                                                 490
                                                                                                547
                                63<sup>11</sup>
                                            10:50%
89.50%
100.00%
                Running
(10" Lunch)Loss
                               537"
                               600"
  Air pressure 100 lbs.
 Amps. Con. #110 150-176.
Rew. Bijou feed roll 7.00 A.M. 259805
Rev. Bijou feed roll 5.10 P.M. 259954
                                                              17 tons average 16 tons per hr.
 NIGHT:
     6.00 New cable on #2 machine; cable ran 55 hours 15
                Min. Put on standard rope; tucked, spliced
by Dodge (dry rope)
                                                                                                  47
     6.47 Grinding
     8.00 No steam
    8.05 Shut down; right roll stuck fast when starting
up. Stuck fast right side in thrust end of
#2 machine; repair men working on it; mill
men helping repair. "Cause of roll sticking
     unknown at this item
6.00 Shut down for night
                                                                                                 595
                                                                                          73 647
                Running
                                73"
                                            10.14%
89.86%
100.00%
                             720
                Loss
  Air pressure 100 lbs.
Amos. Con. #110 125-150.
Rev. Bijou feed roll 6.00 P.M. 259954
Rev. Bijou feed roll 6.00 A.M. 260354
                                                                45 tons average 38 tons per hr.
                                                 --000--
                                              COAL PLANT
   6.00 A.M.
12.35 P.M.
                    Running
                                                                                         395
                     Bin full
     2.45 P.M.
5.15 P.M.
                     Running
                                                                                         150
                     Shut down; changing shifts
   5.35 P.M.
8.05 P.M.
10.15 P.M.
2.30 A.M.
                     Running
Bin full
                                                                                         150
                     Running
                                                                                         255
                     Bin full
                     Running
                                                                                          75
     6.00 A.M.
                    Running
                                                                                       1025
                                              100.00%
                   Running 1025"
                                                  --000--
                                            ROASTER PLANT
  Roaster #1.
6.00 A.M.
12.25 P.M.
                     Running
                                                                                         385
                     Shut down; patching and repairing bad
clinker conveyor
                                                                                                  45
     1.10 P.M.
3.15 P.M.
4.25 P.M.
                     Running
                     Shut down; changing wakes coal feed motor
                                                                                                  70
                     Running
                                                                                         815
     6.00 A.M.
                     Running
                                                                                       1325 115
```

```
Mill Log. . 4. 11/24/05.
                                      ROASTER PLANT
                                                                             Run Loss Folio
              Running 1325"
             Loss
Indicator reading:
6,00 A.M. 48669
6,00 A.M. 68817
872 bbls., average 40 bbls. per hour.
Coal consumed 72520 bbs., average 84 bbs. per barrel.
                                           --000---
   6.00 A.M. Shut down; on account of chalk being low
                                                                              1440
                               Loss 1340"
                                                   100.00%
XXX
Roaster #3.
                 Running
   6.00 A.M.
                                                                            1440
               Running Running 1440
   6.00 A.M.
Indicator reading:
6,00 A.M. 596808
6,00 A.M. 453320
791 bbls., average 33 bbls. per hour.
Coal consumed 68420 bbs., average 86 bbs. per barrel.
                                                                                                3
Roaster #4.
   6.00 A.H. Running
6.00 A.H. Running
                                                                            1440
                             Running 1440" 100.00%
 Indicator reading:
       6.00A.M. 508107
6.00A.M. 540892
 6.00As M. 540992 710 bbls, average 30 bbls, per hour. Coal consumed 60455 lbs., average 85 lbs. per barrel.
                                          --000--
                                     CLINKER CRUSHER
   6.00 A.M.
6.30 P.M.
7.20 P.M.
                 Shut down; repairing shaft on conveyor #126
                                                                                    750
                 Running
                                                                              50
                 Shut down; fuse blew on conveyor #127; cause
                     unknown
                                                                                     35
   7.55 P.M.
                 Running
   6.00 A.M.
                 Running
                                                                             655
             Running
                          655"
                                       45.49%
             Loss
                          785"
                         1440
                           CLINKER FINE GRINDER PLANT
         Grinding with #1, #2 and #3 grinders
          No steam
                                                                                    14
          Grinding
          No steam
                                                                                     9
   9.48
          Grinding
          No steam
                                                                                    15
          Grinding
                                                                             7.00
          No steam
  12.07
                                                                                     33
  12,40
          Grinding
   1.26
         No steam
                                                                                    13
   1.39
          Grinding
                                                                             166
   4.25
         No steam
                                                                                    15
   4.40
           Grinding
   4.43
          Shut down; fuse blew on conveyor #131; due to heavy load; waiting for electricians to put fuse in
                                                                                    17
   5:00 Grinding
```

```
11/24/05.
Mill Log. . . 5.
                                   CLINKER FINE GRINDER
 Time
                                                                                   Run Loss Folio
          Shut down for day
              Running 494"
Loss 116"
                                         80.98%
19.02%
100.00%
                            610
Indicator reading:
7.00 A.M. 35801
6.10 P.M. 38938
6.10 PM. S8938 894 bbls., average 109 bbls. per hour. Air prossurel00 lbs. on #1 and #3 grinders.
80 ° on #2 grinder.
Clinker weight 108 lbs. per revolution.
Steam low from:
       7.00 to
       7.40 to
                    8.00
     9.00 to 9.48
10.05 to 10.27
      10.45 to 11.18
     11.50 to 12.40
1.00 to 1.26
       3.13 to
                  3.33
NTCHT+
  GHT:
6.00 Waiting for belt man to take up drive belt of
              #1 grinder
   6.52
           Started up
                                                                                             2
   6.54
           Shut down; fuse blew on motor of conveyor #131 -
              belt overloaded
                                                                                            41
   7.35
           Grinding with #1 and #3 grinders (Repair mon taking off stuffing boxes and cleaning oil holes out at #2 grinder)
  3.38 Shut down to couple up #2 grinder
                                                                                            38
  4.16 Grinding with #1, #2 and #3 grinders 6.00 Shut down for night
                                                                                   104
                                                                                   BRY 133
             Running
                            587#
                                          81.53%
             Loss
Indicator reading:
6.00 P.M. 38938
5.00 A.M. 43258
1241 bbls., average 127 bbls. per hour.
Clinker weight 109 lbs. per revolution.
                                                                                      2135 Open
Air pressure 100 1bs.
Cement on hand - 19:191 bbls.
                                             --000--
                                          PACKING PLANT
  7.00
         Packing; put incars
Digging out conveyor #145
                                                                                   105
  8.45
9.45
                                                                                            60
          Packing
                                                                                     45
 10.30
           4 Gudgeons sheared on conveyor #145
                                                                                           15
 10.45
12.00
12.20
3.30
          Packing
                                                                                    75
          Lunch
          Packing
                                                                                   190
           Waiting for cars
                                                                                            30
           Packing
                                                                                   150
           Shut down for day
                                                                                   565 105
             Running
                            565*
             Loss
                           105"
```

Packed 63671 bbls. Loaded from Storage 410 bbls.

[ON BACK OF PRECEDING PAGE]

1

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11/24/05#
                                                                                                                                                                                                                                                                                                                                                   MARL BOR. . . S.
                                                                                                                                                               CLINER BILL SERVER
oblow poor nor
                                                                                                                                                                                                                                                                               Tino
5,10 Shut down for day
                                                                                                                                                                                                              100.00
                                                                                                                                                                                                                                                                                                                                           Loss
                                                                                                                                                                                                                                                                                                         Indiantor readings
7400 Ail 55/01
5.10 P.H. 55998
                                                                                                                                                                        Air pronounced Best Pill. Service Air Strain Control on the Contro
                                   Sã
                                  S
                                   IA.
                                                                             Paleton taiding
                                                                                                   and gleening oil holes out
                                                             385
                                  36
                                                             104
                                135
                                                          787
                                                  bills. per hour,
                                                                                                                                                                                                                                                                                                                                                     Mr Dessure
                                                                                                                                                                                              --000/-
                                                                                                                                                                       THAIR PETANCE
                                                          1.05
                                                                                                                                                                                                                                                                                                       Packing; par
                              60
                                                                                                                                                                                                                                                                                  Digging out conv
                                                          45
                                                                                                                                                                                                                                                                                                                                   Packing
                              1.5
                                                                                                                                                                                                                                                                                                                 4 Gudgeons
                                                          75
                                                                                                                                                                                                                                                                                                                                           Lunch
                                                          190
                                                                                                                                                                                                                                                                                                                                   Packing
                              30
                                                                                                                                                                                                                                                                                                                                Walting
                                                          150
                                                                                                                                                                                                                                                                                                                                Packing
                                                                                                                                                                                                                                                                          Shut down for day
                             105
                                                        505
                                                                                                                                                                                                                                                                               565*
                                                                                                                                                                                                                                                                                                                      Aunining
                                                                                                                                                                                                                                                                               105"
                                                                                                                                                                                                                                                                                                                                    Losn
                                                                                                                                                                                                                                                                                                         Packed 5371 bblog
Loaded from Storage
                                                                                                                                                                                                                                           410 bblsg
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EDISON PORTLAND CEMENT COMPANY RECORDS PLANT OPERATIONS - NOTEBOOKS

Edison Portland Cement Company Records Plant Operations Notebook, N-99-04-04

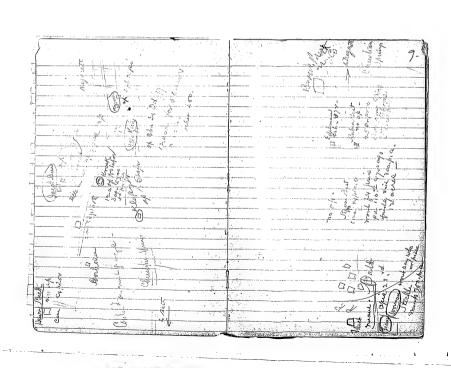
This notebook covers the period April-October 1899. It was used by Edison's legal counsel, Alexander Elliot, Jr., for notes, opinions, and drawings relating to cement properties at Stewartsville and several locations in Pennsylvania. The earliest items mention meetings with Edison. One entry describes the Hercules Portland Cement Co. in Allentown, Pennsylvania. The front cover is labeled "From the Laboratory of Thomas A. Edison," "The Edison Portland Cement Co.," and "Alexander Elliot, Jr., Edison Laboratory, Orange, N.J." The book contains 151 numbered pages, some of which are blank, followed by 7 unnumbered pages. Related material can be found in the Alexander Elliott, Jr., Papers and in the New Jersey and Pennsylvania Concentrating Works Records (Thomas A. Edison Papers: A Selective Microfilm Edition, Part III).

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April 4,1899 Whale from decy - 1740 auxhour 10 1916mse) Mrich Two like mo 00

May April 12-1899 the let have sugar Where Wares Sec Manufactor Manufactor 1850 - Gerapa while mich Brussen note book.

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July Sauce Abh Harris Center A 110 harrier A 112 ac Earl of Party may Aluto aporter, but Kellen Nich about 4 gores no aprior on mill Enien - Prest

Bart Pa upail 14/79 Back Pa April 14/99 de in this for my the now de in this for man times ownless there there Me

O That hideel . wat at home (1) 6. H. Stein at 1/1, mi 5 of mar. will such 4 and of mouth 10. acts I goe therby new Stockerhouse front intoled want paralized would do al acque

Homer , sour our Les church-Moder as in to their present dist Mar Commer -Juny Remains and to proceeding Walnut O WHILE 150 20105who to her in fine to make the wind me Child - In miles leased about 1- mo ago to laure See Horner after Hil

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Payer Suff Chroules man beyonds - White Hall What about mapper much you agree with an affect Distribute this a remember muse & Dias Peter A Koch: Jacob H. Beat

Appear June 99 - the of all 19 - a Book Count t on invahinds - querel: Scortine - R.R. Waterforst life in C. V. R.R. Conjuly Mining 20 a horrith What porty 70- acres in 24 hours. The head acres The which is to provide to so you let go at their board - Ou the sound of the sound all thok 75,000, Pa Contsmajority of organic by the Estates -3 dead - ary whimshy france held him a mr Murdock AMY.

Moto from in June AR Capa April 19-1698, moto for an south CY.

grand Spile 14/99

he sept 1/99
mith from get plong 15% y fam all 25 - acre 15%, y fam all 25 - acre Max must go at fam. I for to get to fam. Olis Harrier Plies Solition 125 35 Jon 125 acres

Dr C. L. Green 185 acres - 35,000, Sower De lette Done LISE & Mange of the grant of the grant of the sound of the sound of Dave 100 Dave Do situate at Hours Observer ramp & Co much they andright farm land midelying (bx) will smelest file to a early with 3310001 Obtion grow on it was af so of Plane of Chap D. W. Chi. M. E -Pornatura Bleary While V-Porday - 3 people -Cramb girisks of Alula & Fisher Buth Van Dopohor ag on Delephone. View Watel . Broker agh

ludows Capart all times of a (Holden y cinar drund) 150.00 She refused - getted acousto much the Awith wanted hence tottent it over funcial Dat + Viene Choice ye. Lan aich Francial 22 6 /33 denotes 24 - another - can gyplony declinand an idea they will cret lat land. elech morbal for

Easter April 21, Omopph - watching Egyll in or RiRivine By A Ber Braniese Good Process Stewastavelle Mail 21 To resid or extenditiones Cahal 7225, per acre - 103.0 Rica popular cant find out Chrone & Howel

Origina Stangele motor and W. Motor properties with They Chapman & Michouse Dhwastroille Spil 25/99 plana are alvelore

boud Sat 28 wil the second second - - (...)

Freight i.e. Show costs 459 perto der leave for 100 - y m at will - 12 to 15% him stone fair Externate Koyally 4 cento per barrell Clint of Coursel rock under 20 hours 1200 tons Offine on 57.413 acres 70.000. make 350, bles in 20 hor. how getting for high grounds Portland 1.48 books Plant V 120 H breast of Count rock fia. b. morks. 70 acres as feature found work would mike out a figid NE 1 + adjoing 13 acre 1500 Ofen 50.2 par (la Go 75.000,3 Migi on mile & leave lack "56, 250.00 5 % - hua n. y , 8 you yet to rem the bring before Organis 12 to 15% N.B. Comes probably out of 10 or H. open comes from Subach quarry 5 mil abour Coplay - Until into quarry Juntal count by mouton RIO (10 DE) growth is normally broken right

all about could be can down the considerable to occause desch - Join Slumslyn mohr on Nor Mes closed to day olomon mohr. 8 Catarangua Per Jelegreefle Edward C.C. much live - buffs ... of village on the Fact now

080 Cahart Notice in alet blisse . E. in Fin Clace, ah

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Back - Pa April 14/99 400- acres - alt 8 mi 5.E. of Reading on the Pe 9 ood Cumuch & June of Alemon May 5th 1899 -Fogelsville - Pa Win mahr Alvin moyen-150 - a Doloman Mohr

Thursday, Mesey Thursday! twenterile many of Object will for wind Mile! It ich other party - (1Digitow) Miles for it apark.

12 mi & of mire well. E . Clier Oberle Holly Cline 1/2 & of Vuesauch + find please Ciment v. lines or if whole fram of 143 a - 1

Earl of Philliplour. Mak on next page following shows ground counce by Dipler during Weck adjoins Vulcanite proply on North C.R.R.J. n.J. Richards high priced &

Sy Kinei Most 1 /99 han to Fruith on B+A- ER. + 1. Dal Div AP. R.R. , not a desire damager to - gan boud in 100.00 Stund Fritz: adjoins Culort of abruptions of the forma Q. V. RR. + C. R.R. rum thro Have Deen Stawle

may pelas, Cintare Del river S. E. A. Carlow - no R. Q in Penn sike total moves 150.00 too for affait David Dovuly - 40 ans adjoins Peoplett liked this + analysied Alpha propty on hinsh Englisis of & Damples taken from pour Illayets Made from 1 mi S. of Alumbrida 5 mi S. of I have all I mi S. of 25 2 8 han doss morning Com Jample Nº1 Jample Nº2 Evolorede of From mig QA. han doss maris 5.060 5.260 alimedown of stone r July - adjunio Oberles . not some marina 23. Handsburn adjuguis Iny all Magnesia 4. Ingham had 10 gares - just with side P. burg town limits on mxx Re

Fogelswell - May 5- 1899. Kennel heirs - (2 daughters, married adjains new Schigle Cement to -The Mover - not yet heard from lesses David newbharett. a - adjoing Solomon Monday May 1/99 -Levar, assigned Will & Leuts Lucaday may 2/99 one mountain of clare thinks

igelow stants at 1. mi + will mall intersect being work whose line may entitle Zoust Ny Seligh river + C + RR Big deposit Exacellent at de a post at Odunorller but to laid out in building lots Amony over off the part of Earter buch now finet to the list hartley Monday May Juday months Elsh Keneal !

May 8th Court and I millech prisions

10 1 track RR. This Bruft Roth san Manger will Winh the I trudge which on middle of Jane mer 6-Rill muth of Manchana de Plesturas Rulh saw Ferniceres

Stewardsville In . . Will the about Bigilow days such he occure. closes it allen ve Jak leas-cus price me agreed where moved ush give i

2700 Mint Siente Bour metal Mayareth 1km to Reafreds, Fireh' An Baine Kein-X Famile X 8hoher Warmer les Klepping

Stivatooile may (3,mi forom Coplay Ohar on North pice of draw Deloure H. W. Ciene alitis The 4- age track on South side of working RR. is nearly De drinkow Rik, rema Cation deplicate is though sent The Ha track is more with and & p. m. at le 1 , with showing up for line show Explore interesion problem Free 6 ms for may 15. 137 -. In boline gmo sings, og

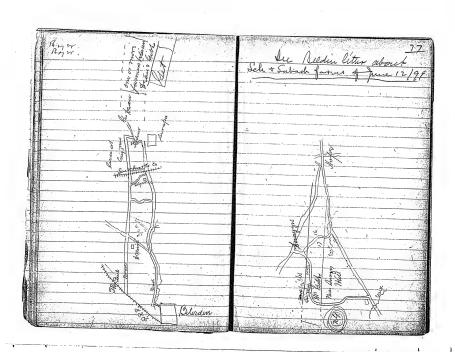
Maxatawny May all mit 3 min 11-135- ac not crough Coursely I min line rook of he prise! arylers a all right John Morgan Don Johns Cus lituran me Keens Lates. the 73-a C + Sime el maps out of

Becou they down one Madner an lent - normal fully make Kulp Mindshow ox for Mond or aged

Stewartsville May 22-1897 Coline ow Carak if not Mary 11 actor Mary 23 -18 randed allion 40 agreed with Reldin - 28 Cham Daw ANON anno

100,00 pm och 111 P. D. Nogarith -morthewythm & Misioh hav no ablino Ru J. O. Scilensburgo Siegle from Sand Co -Man 3-03 - a 1/4 mi S > 1 Foodswille The min off C+7. R.R. - B. thunks this frakty good lile time

for his 85= and form. Cahasto at 150 - per-a. arrayments with his farmer?
Tokan Loave afferes while much Jus Fully - for his 90 - acre farm + his 100 a faring or 150 per a - the is hose iff in his stammatical late so Know much monday of Oberle is slice hoese out + does not much Rece -



79 owned by him of the Crang on the bring for Show Keep Buttender as to name Rub Crown - Blaves Town - Stra Kes 28 hours beet told - alon widow ligne of Caropha - but fami it on & of road francis from Craig of marshall & Halon al Land of Sack C + F Co Frack likes on inform 89 yrs sed - both and NE of Fullmer -Edgar : 108 ans

come again mist in the town of hope Huik own - wie tack June 16 16, 201- 000 50. 50 40-100. 80 80 Hoursdon - 100. Res

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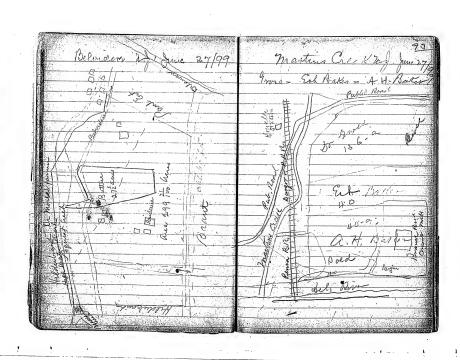
David Nevel A of Jacob murphy number now Alpha linit a harf 35 acres T abl & acres, the 'r farms' on the Boutle Drue 1911 Task one I as allow Donnall Domisles has all the good Cumit mock is utte of Donnell har youngs farm is a

also closed appion on John Weller family to done to middle un Velustion + 1 2 gate Poul also closed aprior Homerteach from today 6 Nov 15/90 Oberle not at home winder Ar Cline now in Harri Cline

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tel Sgrame Iteldebrank 18-6-Bonnile - mill on Clark - Musik Lanar-75.00 Come round west made Diens mile olla 75 TGO, SAUP mous punding lease till April when > 146 a. Mrs hy lands Garrest Bogant Containing 16 160-

Believer June 29" Flow mill + water huer the mid he the Dearn brook. Fulmer Timbo seel or Come again Dec mad or mornio. Tr russ. Baker Est.



Odenwolder Lown June Closed this day martins for a still 3 ghierens (Eceston Know slay outed our fouth sice and Co Tract of Odenweller was - houses luck tops neither met Pula Mf - Duid to be 9 10 de hotel & to run to Front House Current cock social to me P.O. Pen Argyle -ER Right of hotel him single deposit

School to day Robb to April 1 of 1900 - 7 Bornel James (Clark Mening byttler Carroy wo yould mill les on Valler nich home 15.000 ? mil 160 Cerner por at - Trater hower Educate with from Belorden June 29-1899 Tand form 60 to 70- a - part in town of Alexander Tare for this advocus in Philas for Part Rock

tack - my tacked isalit Fogelinee Fogilsville June 30 which will Expire July 1/99 to Die 1/99 -· viz 200, - pm Topelsoilly which I' Ration fours to contract for to tell public or friend sale of feel fours - could next o mile hit is goy so mice out later on agelielle.

I this day aloved withing Cotask con Hurry + Marx not explore within 100 after true to march 1-1900 Frank loobb - zietus then mice ale a rouse deal now if they could Should frinch

winte motainer a sun app 2 mps - me to call to litrek will Hopfer - not on his roung &

raig Red ca he promised

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Saw J. W. Fuller alch Brokener VE paid 15.000 a - Orfice 75. 80 95-900 Word other p analysis of copy + anau who parsed on propts mer mill not fing appron at prince ee my have first sypeon Howa and liter tomy affer per a - 91-a Want to see Gep W. Browser his some storice to acoust see him could not or mit The continue in the market ite Elephenderiner. stoutions under aft line commentations to braptin at Both contricte Drayl aptrion one unless for Bob it I know of their from Biglow & Kleppenbury

177 7 Beplur - Dated June 190- days - Experies Rept 18 or Margood most inco Belden track of 2% a out in their markly ha garling because of Marin Dei July 19/99 Balante eiosurges July 19-1899, al M. SHA

014 ECY) CO 20 93 150 93 176 176 200. Craig From OK. marshal Sibbo Jego Hildebraced Justo & Jaok Cook 100randl larin 188-04 mondon RR. Egypt-RR 500 RR our lan lating Schandle Co + Kny Cruk 2 Same el mi=

so form 160- acres ed by midver these ori ear Richmon C. acrois P. R. R. To one Vrank Low Kirk frame alt 83. and was of dudo o I to mor formed by one Breikido for 2497 Mus across PRR. arly form alcoled after I all his entire to has m. Cary 2. alt 83-aus out right + at once for car approve them to Fely 15,1900

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Bludern Reings. Vless -Vocakerk Dr morrie VanKirk- (Brando Earye -Blogans Bogart Sank Hugo Jes. Craig Fallener Butto Ruff Crairs Rarshal Silfs. Jas Hildebraund Dat afternoon

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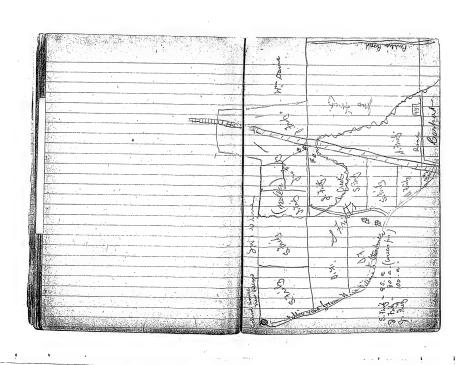
Stewardsville 74/ Och,

Och 17-18 Valley above High pay to sout herry sharts - Houterops

Stansfe 0 4 8, 2 Franklin Downship na soun back to Elizabet Shows 2 brown of sal far 31,35 5 60 36.26 x acré \$ 15.418,5€ acrel -154.33 Semantha Carport # 13,840 use Santy dec'd # mtgs # 1,500 \$

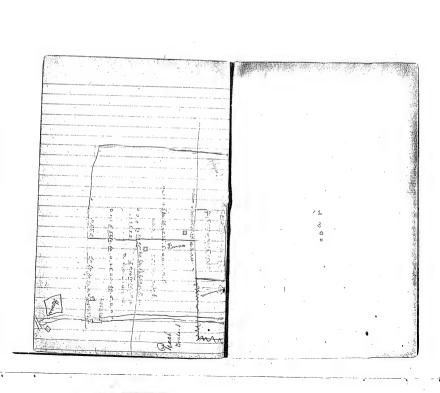
Slew and Fritto, with Actual area is short 80.40 Short ones 0:45 a one ald from above to

Dun # 9,800. Ladual area is about 80.45 proceedings, 10,45 is at rate Short mea 0:45 acres
0,45 x 1x1 = f 54.51 ald from about to



+ Known (mrticleson m-V

aso aux Ino-P. Sauce Bearle 7 dayabgor 10 aling anderson State. Red aug 22. 1540 BK yet



Edison Portland Cement Company Records Plant Operations Notebook, N-99-07-05

This notebook covers the period July-September 1899. It was used by an unidentified author for notes and drawings regarding a site for the cement works. The selected entries concern Stewartsville and other locations in New Jersey, as well as several places in Pennsylvania. The spine is labeled "Prospecting - Stewartsville And Surrounds." The pages are unnumbered, and several pages have been removed from the book. Approximately 70 pages have been used.

Approximately 50 percent of the book has been selected. The unselected material consists of data relating to drill holes and limestone samples.

Martins Creeks July 5-99 Baker El Baker Ed Grens Proportie Grass, Propostics posite Martins Courts Sta. Tenda. R. R. on the West bank of the Deleware River opposite Martins Crubo Depot The Know containing about the Count took here is about 150 Let high made who almost entirely of line stand and Coment rock, The Deleware River washes the East side of the Knoba cut shorts the Daw briest of the mole and a small brook the west side, That Partion of the is divned by the Count Co, The West side of The

Martin Guel Knob Jacing the Valley is held under Option by the Edison P. C. Co. Material The rock on the East Side of the Knob along the river has the appearan of being high in line That an the west side of Water Water may be taken either From the river or Creek. Site For works a Fice of gently on the river north of

Martin Guela - Coment Co Property is the only apparent avaliable Site For, works in this Treamly. This Property is only approachable over the swite and terofiely of the continued at fourent ander Their of the E. P. C. Co. Building Material The adjoint of hills to Bound Hearing to Charles and Solve accommodation for men Hone

July 4/99 Fogelsville Pa. Zesser Stion of Land The Fresherty under often. here is high rolling Farm land. Material area Imaterial here, of apparently good quality rung about 40 to 60 fut above the level lands which farm the natural building Site The entire formation differ From H.E. T. D.W. at an angle of 15 to 20° and to change from H. W. A. SE

-:

Fagelswille Pa adfairing the lands The Sweface Sail is very light over the high lands. and the solid commit rock the fireperty The decorage his tend

Kapilarelle Pa Shipping faulities The Shipping facilities causist of a branch of road Connecting Raibroads Water The foresent apparent - avaliable water supply Causisto of a brook which runs thro the west side of the lands with an a. Weire 15/1 x36 Flow of 220 gallono For Minute, the brooks is feel Fram springs said to Enne

Fagelsville Pa Fram gravel. To make wh the depiriment of this water supply would Duggest an experiment in dut livering -The brook may also be danced and a storage resurver Formed at small expense offert to this water being taken) accountdation for min The little Village of Jugelsville has a Franciation of soots 700 and two hotels the Country immediately

Fagelsville Pce Surramaling is dottect with farmers himes Fram which a good supply of help many he diawn But doing Dite a lun almost lovel Felain extends from the rail road to the lands under oftim giving unlimited room for works and tracks at a minimum expense for - Greating

Fagelsville-Unter Sample 206 supposed to Damples 145-146-147 From Morambich Jelaci taken fram under Shale

Thwartovelle Splan is rolling Valley land all under cultivation Material The material here - Seems to vary very n Carbonate of line - argell line stone and valamitie Stone, rising and Falling, appearing and desappearing with no apparen regularity, The entire Formation dips to the I by S.E. at varying angles From 45 to 70. The high Fractions of the lands ruse

25 to 60 feet above the bottoms of the ralleys at Varying Slopes From 5 to 30 The Surface Sail Varies, very much in depthy mereamy and decreasing abruptly indicating a very uneven Surface of the rock hemath, The Cleaninge of the rack tinds from East to West which Freebally Carresponds with the trend of chemical Campusition

(Shivartiville) Shipping facilities The Eccation brounds of the D. X. 21 W. Phy Fasses through the Froglety from East to west The Lehigh Canal paralles the fresherty running E. 4 w. 14 to 1/2 mile distant on the north side, The Pohatering Orelo affords an ample supply of water at the East, and of the properties and the Canal is convenient to the West and,

(Stewarbrille) Residences for mine . The Village of Stewar wille has Texpulation of about 500 people, two small totals or Inno, The Country surraunding is quit thickly sittled. Building Dete The Properties under Oftion affords two fairly good Sites for hulding adjacent to or approvatiable by the railroad, or adjaining Stewartoville an the North West, mean the Canal - The other Worth

west of New Village Defot between the Huchward and Cents The Latter twanted Herees sitate Considerable Deading, There sides are Communical tomage the two Firmaiful backies of went with under Splin,

Odenwelder or West Easton The Censent rock here lies in a Knob rising about 100 Just above the Libigh river adenwelder is a suburb of Eastern and the Feroperty in question has a number of houses built on it and others in Course of crection There is not sufficient material in sight to warrant the existion of a warks of large Capacity, and there is no ground Convenient on which to build a large Works

Belvidere H.J. Zamolo The lands Cantaining the Coment rack in this Tuenty are mauntaning Farmort any elevation the Delivare tiver and 300 Jul aline Beanis decade in the adjaining Talley, The Cantimpla options embrace from Covering a distance about fine miles. extending along the North and Beaver creeks

Belvidire Material The Count roots in this Vienty Varies in appearance as different Properties. from dark blue hard stone and The Marris beard to Solt benun stone and the Durface of the Gibles and Oraig persperties. The Genent reak on the Caller Fresportes is very me rising to the Oceat of Lighist Knows. A. ridge of line Stare intervenes between the Coment rock and the Request crubs Zur

Belverlere a distance of two are Three miles East of The Die Marris Tract. The Entire Farmation in this transly ofefis to the D. Ky V.E. at vary angles about 10to 600 The Surface Dail Coursisting of gravel and Varie in difthe an the different Jeroperties Fram O upwardo, The cleavage of the rock service Enstirity and thisterly which in olumical Composition.

Belvidere

Belvidere · Water Water may be taken from the Pequest Creek or Deleware him as may be most tournent to the Vite selected for the warks, accommodation fac Men Belvidere has a Propulation of about 1800 to 2000 with soneral hotilo.

Belvidere Site Jon Works a stretch of level grand baunded by the Propert Cuts are the Harthy this & 8/41, Ry the South the City of Belvider the west and hills are the East offereds or Favarable Site for a warken, approachable by the reallroads, Carrient to Water Raf homes for men, and Consequent; for a track or troubles to the coment -Cornels

Trang Hess - Widow Beginning at a plate at the wand hading leading from Beloider to Hope then we N36 20 W 5. 66 Chs them N 59 2 ° E 2.78Ch there SH3 3/E 6.50 Cho to a dain in road theme along and SHIEW H.75 Cho to place of beginning Containing 2 4 acus

C. W. Earye Beginning at los of RIP Lands Ex the Warren 171800 and Lands Farmerly of Amos W. Cramer and running a the Midle Painted 1878 - South 36 /8° E. 4.5 chs 12 hours to Ca of Janet of lone and Public roads leading From Beloudire to Scriptor, theme down Daid to Con in Vaid road thereof 72.11° W 26 cho 25 like Th Trane which bears 4.56/ Wites Stand Pipe thing The 64 1/2° E. 8 cho 20 links to the thence The 31/2° W 19 cho 65 links to Stake on hell in the line of the 12.19, land, therey 12,23 Ex 2 cho gy links to a filme

Thine Nº 5-3° E. 2 cho I-link There N 741/2° E. 2 ch 37 harles There N. 66 1/2° E. 1 ch , 33 limber & felace of beginning Cartaning & 32 acts Surveyed by E. g. Wire

Edison Portland Cement Company Records Plant Operations Notebook, N-02-01-23

This notebook covers the period January 1902-May 1903. It was used by Cloyd M. Chapman for work undertaken at Stewartsville on behalf of the Edison Ore Milling Syndicate, Ltd., and related interests. The notes pertain to briquetting experiments, furnace trials, kiln runs, and other tests using ores from Ogden, New Jersey ("Edison concentrate") and the Dunderland region of Norway. The front cover is labeled "Furnace Book." The book contains 193 numbered pages. Many pages are blank; one page was removed before the book was paginated.

mineral brook experiment
Dero were burners for furnace
Voles out for a furnace
Durman for Superheater
3" Air line " Dire brick made adjustable

1/24/02 16-23-02 Blast Lumine trial Elect Lurani tria Fired where mickly than yesterda material drolf to four hour ine Chadra. I that partly force John stight blast for Two hour charge taken from furnice Then put on about 5 black (by last trial with addition a mater enance and 4 charges as 2 the 11/2 of Soda and consilluable large propertion of coke. foliando :-(Same as what to 200 Jeldupas Limitary 27/2 4 2 lbe 11/2 03 Charal metted down but die When last change was put i was become ligned mough to run from top look - very little Summac it suddenly froze over Istophing all draft. Add to let and caked with cohe to run out bottom and bleam out furnace. Bottom of funnal was at level used love tab - not hot money w. Comen tap

1-29-02 1-25-02 Blast Juniore treal 1 3 Hast Furnace Frial Anit. Direct as yesterday using sand Started fire with word of 9 all Charge over again but chulling healed slowly with 11 All. put on with In of turnback up to wholend in coke and mater at midante dais hole added with mole sode Oblast until 1 PM. Then Lived up Clearing metted down but was rapidly until 2 PMI when had a too thick to new from furnace strong heat with good coke, Art but enough to be ligning Kell tap hale when with la change which were same as used in hu No I (fresh) was metting down as about 2130-then class tub hol until some of charge was institled and tried to Lab o been little play was oblained before it was not fluid

2-4-02 01 11 Glass Lucian Trent 15. Blast Furnace trial # 6 Furunce bottom level with in Had living of furnace remove tap hale . Good Pa cohe and Marricela Stikele: basic. well slowly to white heat but it to prevent silve getting Led half broken window glass hute stay. IT half bake. Kept tap hole Fired but very stowly and fed open. Glass nan from all slad broke trial to 4 and Starring I without closing Til half good mality cope. Bottom hole but not flind ludough of Juhnace level with upoper the catch in lattle and blom ttal hole. Got good blat be again .- ate this limi beginning the keld, kept take Durance - fine brick common !hole open. Blan meted but The place - had to shut down. would not run throw tap tool Before shutting down started opened top both up higher to Leed sland from B. Ftuil 3 and let blast come this win and it milted down but was the slay and it flowed full not light enough to run from as well as glass did in Dial furnace. Soon after this began The slav atter cooling was a running had to stop on ach Martita 1 of hold in living The glass after cooling was ver Mittelle.

2-8-02 Blast Junace Frial # 7 Model furnace alonly and control way hat Melon 1/2 Helow Furne Conditions last trul. Charge ground up fed about 50th enough coke - change would of at towers - had to stop run. wer to stiff mind Up to time of cooling the stag rder well - West results get one theme - charled off draught Hay flowed from Hurnaul about at little is glass and were very bytille lohen cold

Blast Furnice dine to 9 Hat Blastion Capalo. whenter of January to outside of Height of fall is " Outer 5-2/2"

17 of 4" screw Conney not Edison Conc not of by 4 10 times fairly fast 10 turns dilivered slows 9.57 lbo out 20 .8.5 20 10 20 20 20 20 20 20 20 20 " 20 20 4 46.5 20 20 54.5 20 ... " very slow 16,5 170) 437.5 20 Cha delimed pu new, 2.57 190) 161.0 8473 20000 lb fen hu 333 " " min 130 April to deline 10 true per hi 16.6. Fu nom 1400 delivered 20 100 per 50 rev.

19 Shorker which Do feed 5 tous pur h Av a leeth Iron partterin at george fred " " 6 tooth sprinkett on country to 58 on gl 12 4 14 on motion on 1st Country 34"

4/30/02 Xiln Run 10:91 Frial of notary kill ara Bricked over ballow of Relia It make devel bottom 20" wide about moulded brick in place in furnace and heart bout baked fully as well as there 2 Brick same as last wit

9922 and 1/2" at bottom - at Dodin Julphate - crust baked better Than buch tol taked 15" think on out a post but was still soft on bottom. remainder soft Buch 6/2 square 9 2/2 high #8 Brick same size as =1 of same milling - taked E. Conc. 5 % glass maistened with soft on bottom Sat. Sol. american Oil & Aupply Ca's Joda ash - backed a #4 Brick 3' so at top 45" so crust on outside remainder very at base & 6" high of same on top but soft on bottom F. 9. Buck same - E. Cone, 579 maistened with eat. Dol John \$ 5 Brick of same size as Coo Conlydious Carb, Inda,! and 1 cay - Loft in cluster Bakel week Crust They soft mucicle. 4 on hattoon 10 Same except montened 76 Brick same size Thole as with Dat Sol Sulphate Iron #2 of mixture same as #5 -Crush outside onthe miside baked hard on top - out on doottom. #// Brick same - E. Come 5.7 glass 1/2 % Clay moistened with Sat #7 Brick same size no #1 with Sal Sulytey Soda - crust outsid 5- conc. 5 7 glass maistened soft Intile with saturated solution of

5/2/02 Kilm Run to 25 Each of there had two Furnace conditions same samples in hill and front and one brick division sets x 12 hick 1 linte 4 sections thus :-Collaboring discription: Each Smoulded of Edison Concentrate with lauch Hown clary Direct for The was at Durding space 12" wide at top and 16" at top and 16" at bottom, This baked medily white beat. was in hattich part, base - 6" high - divided into 4 parts by opening of will at top Art run to be made with half round hours or arches spicial attention to getting while base mining length Cuculation of hos glasses wise of hilu - these hold were half of a 1" circle. Baked Laul, wel but not being he on bottom.

827 #2 Ouch same size as to # 6 Same as # 5 - Sout fine 2000 hole 13/4" diana. Thro brick in bottom is round; in direction of length of kills ed and 114" wich And hand on hollow 3. Some as 12 but hele # 7 Rame as to 5 but with a Dire O Patterna Crucible turned at 45° with axis invested in its middle. if kilm . Broker wany not hard on bottom Laste in bottom. hard tricken #8 Brick same signar #1 with hole this its middle 2"s" diam at top 72" at bottom Districted 100 243 but hole Turned at right angles with Baked fairly well but not very axis of killy hard on bottom Ballet very soft on #9. Dame as to 8 but hole 2" diam at top of 1/2 at back 75 Brick carre size as to 1 but having a squake fire buck of thick in its bottom and a hale down the its Hoff on bottom middle 2/4 in Diam. At hard on bottom

28 # 10. Jame as # 1. but holic also one of same size but at bottom turned at 450 contammy 5% glass + no clay with axisof kilu Dairl Hard on bottom Here class 4 King har secured of middly carried harden #11 Jaime na #1 but space between parts of buch only In front of all and to protect 1/2" at top H/8" at base, mg theden from the direct flame holes in base dist in two bick of & cone of glass #12 Same as to 1 but holes 4 1/2 % Clay in love turned at rightanely mith axis of killy Weat of this own was too luge as malt of the bricks meeted dam sochewhat. tast run to try value of clay Each of There was duplited set was a blick of Edison having obertings this their four parts clay divided into Brick of form of # / showed up high desucto

· 6031 Kiln Run Sp. 3 Theunder conditions same F3. Dame form of Brick ask 1 Blicke of Tollowing describe with hold runding at right angles to blast. Horace were baked o Edison conc. with 5% of a sniptime of 85% Red clay on Brick 6" sq at top 7" at lave 15% slaked line. 6" high divided into 4 parts. Soft on bottom - harden with space 1," wide at top and top - perhaps not hot enough 716" wide at base. States there base I will and I high #4 Brick same size and rounded at top, at 45°to alis & Rila same partitions as #1 but Edison Couch with 5 % of a hales this bottom 2" high mosture of 95% day + 5% stated rustad of 1". leine. 450 andalio to black. deft - Perhaps not hot Telison Come, with 5 % of a -enough mixture of 80% Red clay an 20% slaked lime # 2 Brick same farm as #1 Fairly hard. with holes running in direction of alis of Killy Edison Come with of fa histories of 90% Red Day and 10% clashed # 5 Brick same form as but holes set at 90° mint axis of pile. Edison Come with 5% of a mixture of 75-9/ Clay and 250/ Com Soft perhaps not hot enough good brings

32 6 Brick same form as Brick same as # 7 but holes #4 but holes set parallel at right angles with alis of Rile to orfis of kiln. Tedison Conc Edison Come with 5 % Red Clay To to clay and 30 % lime Dunderland " " " One half of brick Edison cone one half Dringlerland Come. Tedison better them Dunderland neither good -#7 Brick same size as #1 but holes this bottom 1/2" wide and 2" high Edison Cone. #10 Brick 5" square at top 7" sq as and 5 % of a mixture of 60 % days vase 6" high - booker divided int our sections 7/6" apart at bane of kilm - Doft on bottom fairly land 5" and at top Holes this battor on tope. 1/8" wide + 4" ligh. Edison Con with 5 % of Potters Clay on * 8 Brick came as # 7 but holes one side + Dunderland Cone set baralell with axis of kily with 5% Potties Clay on other Edison Cone. alone wick - Holes at 450 Janly hard work afra & Kilm - trither very hand - total Dunderland hard on Top where it was packe hard and suff on bottom who it was evidently not packed tightly Togethe

Brick same o farm as #10 #14 Brick 6 kg at top. 7" sq at bace but holes at 90° wick axis & kilu 6"high divided into 4 sections Edwar Come. 5 % might way " apart at base and 1/4" at tap 25% genos and 75% Red clark. Holes this bottom 1/4 wide at not my good bottom /4 at top 42" high . Holes running at 45° to axis xkiln Edison Conc. with 5% of a mixture of 75% clay and 25% 12. Brick dame as #10 but glass hole parallel to axis of kilon Edwar Come with 5% of a mixton of 50 % genos 4 56 % Red clay #15 Brick same size as #14 but hales set paralle with axis & Kil Edison Conc with 4% glass 1% Red Clay TVB Brick of 16 sections, each 3/8 ag at have + 2/9 at lap 6" high and 1/4" apart at base + 1/4 apart at Edison Come with Jy glass and 1/2 to Red Clay Hole this bottom #16 Downe as # 14 but holes at 900 with axis of Rilu each section of buch 1," will 42 ligh. Edison Cong lit 370 glass and 2% Red clay very good

36 -717 Brick Sag attob 7" 29 at base #20 Same are #18" this holes as Which dections \$16" apart of 20 to axis of pilm. Edwar Come with 3% Clay 1 of staked The bottom same one #14 Holo running farallel to axis good - hand Que half of brick of of Kiln. techison Come with 3 of glass 4/ of Red Clay - other half of Devederthin #21 Brick same as #18 without Conc - 03 /o glass 1% clay. partitionis and with round Edison better than Dunderland hade stown the middle 21/2 diam at top and I" at bottom Holes running paramelel with 1/8 Brick 5 sq at top 7" at base axis of kilm . Adison Come, with 6" high partitions of thick at bane 5% glass /2% clay (red). 1." at top holes of mile 3 light Edison Conc. 4/2 of class /2 y clashed. line, Holes at 450 mil agis of bilin Beng good but it - very little Soft on bottom - fair on lip Brick sand ast 1 of back and Stolks Harathe whole Killin / Edding Cook shot #19 Dance as #18 but holes parallel was of 12 % red day to avis of feiler Edicon with 4 % clayfred) and 17 slated lime

...38 Rilu Run #36 Farnace Conditions same as nothing partitions to les previous run. Brick parallel mithagins of kiln of Edison Court, with one section of Suduland Come. Educon, Court, mist I with glass Efficar Come of get as 12 Nd - Colon 5% andruclay 1/2 76 Fired for 134 hro. then let stand #15 min. before opening fort of kile #15 minduland coul with 1324 run try Dunderland in one section of each brick 5 % of mixture of 90% red day 160% with combinations of Clay, line staked lime, Iclepan, glass. Brick 6" sy. at top - 7" sg. at borse divided into 4 sections of " apart at base 1/2" at tap each with bottom 1/4" wich at top + 3" hugh Brick elevated on two fire Holes at right angles with axis Demderland come very foft talison bruk not very back on bottom.

.40 #5 Buch same as #1 #2 Brick same but holice parallel unit afis. Dunduland come in rear Dunderland cone in rear right section with mixture So of mixture of 95% red clay Time or red clay + 25% staked T 5 % staked line; Dunderland John Deviduland soft - Edison hard Edison not very back on botto not very hard on bottom #3 Buch some as #2. #6 Brick same as 2 Denderland Come in farut right Desiduland Come in man section - with mitum of 80% right section and mixture of red clay of 20% staked Coline 76 % ned clay + 30 % staked line Demduland Arth- Tedion band Dinduland Jost. not very hard low botton Edison not very hard on botton #4 Brick same as # 1 =7 Buck same our 2 Denter dend Come in front right section with mixture of \$5 of red Dunderland Come in front left exception - with mixture of 60% clay of 150% alaked Cili red clay + 40% staked lime Danduland Loff- Teder had Durhduland softanly hard

43 #8 Brick same are Brick Dance on # 2 Dundaland Come in front but hallowed out under left section - with 5mg meath to make an and redistance of sof redeling to 0% 5" hingha slaked line. Brick 4" brigh Quederland soft. Edison hart or hard or Dunderland Come in right section with 2/2 % Whin Jelspan and 5-1/ of a bottom. misting of 60% red day 440% 79 Brick marie is #1 slaked tim Brick hard - hard on bottom Drinderland Come in rocky lette secretion with 5% of a Result no better than with solid whick under Iron brick. lime 9 also 2/2 70 of man #12 Drich same and # on brick like #11 - Denderland Felspan Rather soft. Come in near right section - with 2 1 main Jelskon + 5% of a #10 Buch mixture of 80% red clay 426% line Dunderlaced Come in rear Brick thand - fairly hard left section with 2 1/2 % Jelspon Arttorn 45% of a mixture of 70 red Clary + 30 % staked li 13 Brick same as # 1 - on fire bus like # /also. Duduland in front lift section with 20 70% ved clay + 30 Wolahed

14 Bruck same as # 2 #17 Buch same in 1 Elinderland Come in front light section with 5 % of a whitelay +5 % Develectional come in rear life section - with 5 % of mixture of 30% white clay + 20% Felspan Buch not very hard - brittle Jelspan, Brick not as had as # 13 Rather coft on bottom #15 Brick same on # 2 #18 Brick same as # 2 Dunderland come in front right Struduland Come in rean life section with 5% of mixture of section with o'7 of mything of 70 7 white clay of 30% arthodows Jelspan 90% white Clay 4-10% - Felapan Buch fell down in famace Brick rather butth 1/2 Buch some do 4/ #19 Buth same and 2 Dundelland Com in front Dunduland Course in recording night section with 5% of mixture rection with 5% of mighting of 66% of 85% white Clay a 160% Delopen Brick fairly hard-

::48 Buch Come on # 23 Buck same as # 2 Describer (Come a reach right section with stood aughterition with & James suffere of 50% white clay + neighbor of 40% white chang 50% Dellepan and 60 of glowing Brick hard bottom fairly Brick hald - fairly hard on bottom 21 Brick same of #24 Buch some as the Dynduland Come in front Aunduland Come in front diff action with 5% & right section with or distinct of 80% which Clay of mixture of 20 % white clay + 207 4600 80: % gloves Buck had - fairly hard on bollow Brick hard - fairly land on bottom Buch some and 2 Dendudenil Com in frank Bricks of Edwar Con refer scotion and only of front and 40 of glass, Best results obtained with Brick Mard - fouly hard on The Dunderland Come with mixtures of White Clay & glass - 80 # clay by 20 * glass per

also mixtures of White clay Furnace Conditions same and Jelspan when man Each bright 40 Ms of Telepar per too was resel. Cites mixtures of red clay slaked lime 4 felspar. placed on two fire bricks. Brignettes of same farm Buch to I of last rein but with four 3/2 round holis this base of each The Edison Cone, baked all holes fairly hard on the bottom parallel risk Each brick has one section of Dunderland Ore 4 three sections of Edison Ore Edison are mixed with 5 glass of 1/2 To Red Clay First 5" which have the The holes toe 6 to 10 have not the 3/11 Nes 11 to 24 had brick 6" again vace, 6" ligh - partitions 1/4 wide at bace 1/4" at the - hours I'm le at bace 1/8 wide at top - 3/4" high. 3/ hole Thro base same as above birch

51		
#1 - 80 Rd Class 507.	20/	
Janly & hand	- Complete Land	1 #14 80 Rul Clay; 20 glaco
#2. 80 Telepour 20 glas	so. 12 clan	1 \$15. 50 Red Clay; 40 Felapar
Hard "		
#3. 80 Red Clay; 50 Feleps	٠	*16 90 White clay; 10 glass.
4. 60 Flagar: 12 Red Cla		
		717 40 Red Clay; 40 Delapar.
\$ 5. 80 Red Clay; 40 Jelopan	, 20 Line -	*18. 85 Whiteley; 15 glass.
6 hard		
6. 40 Red Clay; 15 Felspan; hud.	25 glass.	#19. 50 White Clay; 50 Felepar
7. 80 Red Class 403 44		
7. 80 Red Clay; 40 Jelspm		\$20. 80 White clay; 20 glass.
#8. 40 Ret Clay 50 Jelspan	10 glass	#21 40 White Clay; to Delopor
1. 60 Red Clay; 40 Felspan.	D. Article of the Control	#22. 40 White Clay; so Felspan; 25 glass
O. 90 Red Clay 10 alass	TALLER MANAGEMENT	
O. To Red Clay: 10 glass.		#23 40 What Clay; 50 Telspan; 10 glass
11. 50 Red Clay; 50 Felspan		\$24. 40 White Clay; 60 Delapon; 15 glas
		The state of the s
12. 85 Red Clay; 15 glass.		Run made at night and hast was two low. Bricks all out on bottom sight
13. 40 Red Clay; 60 Felapar.		all outs two low. Ficks
	1	The world with

may. 17-02 Kiln Run 106 run to be of same muting In this run the farmers as this one but try to conditions were still the same brick floors instead of separating the fire briefs into The mixtures used were pairs when each brignette as same as in the last or in last Run. The first two bricks too! also try taller brick were made 9" high instead The first 6 briles tos 1 to 6

difficult to mould our account of their hight to trouble in moulding any of the others. The larger bricks - tos 20 to small ones The best mixtures were those containing 10 to 20 lbs of glass with about egnal parts of clay and with about egnal parts of Clay T Delapar were thank good while those containing lime were

may, 21,02 9/th plunger 1275+ 1150+1275+2420 When 10th blow 3/2 2nd " 14 3rd " 14 relessanto compress Quadei = strong enough to stand It same as above t Same con and Arofe 10" 15 + 2 ad 33/4" Strong enough to story The same as above Drop 8/2 1 st drop sank 3 5/4" did not stand The same as above drop 6/2 drof 3/2 3 drups did not stand It same as above

At a plunger came as last.
Alrop 9/2"
A drops.
Stood but fell easily At & felunger 2420+7420+1160 Drop 10/2 2 drops. Oht plunger 11050 Drop 10/2" vuy good. Id his uger 1275+1150+1275+2420+2500 "Herofs 8/2" 3 drops, strong enough to stoud Ott. James as an about Sorp 8/2" 1 st drop said 313/16 It flunger - 7110 + 1160 Droft 10/2" to weak to stand It hunger 7470+1160 Drofe Jolzin strongenough to stand

June 12-02 Kiln Rim No 7. Furnace Conditions same as in former runs, name
mould used in 7/2" high
7" wifel at base mid 1/4" taper
on each side - Core 3 high
1/4 wide at base Each back set up on fur buck of or on a brief. 1/2" Ag, made of follow Coment Tinclay 1/8 granty

ere mixed with the following 2.3 13/4 hours - heat was in not satisfactory as some 40 nother had to 1/ to 2/2 so soft 60 soll 40 soft 20 SUL

Fried two large Edison one Both stood up - Edison Ou with bottom. 301201/3 40.

67 Kilukun to 9 was kept high until below was hot their lockest coal ful week with end of run time 13/4 him when 14 his before opening kiln. one section Dunduland - of six 4 form described on page 62 - set on concrete brick described on P. 6 of large buck having flat tops-Bricker machine book sel P. 65 - did not bake asuch of briders usell with the Sanduland En in other lang buck and within balled as well as The smaller bricks Brich to 45-50 30 45 60 40 not very hard - sol 40 60 not very ha 35 -15 23 50 - fairly hard 60 20 24 60 11 40 40 40 31.3 12 40 20 40

69 Bricks tas 5 7 6 were 24 long 2/8 mile at top - 3/6 wide at loads could 3" dight A wide at top 7/14 of book to 5" me 1/2" apart + tob me. # /2 apart to 5 baked for Phasphorous. White Clayvery which better than to 6 Blue cloby ADG was very soft Both made of Edison cone.

971 KD. ON 172 20.1 Dice Buch mittrials 10. V 2.3 2.4. 25. 2 5 Coarse Clinker 26. 4 2 Z. 2 4/2 29: и 30. 2 4/2 clin 32. 3 8 33. 9 341. 11 10. 11. 35. 4 36. 37. 13. 38. 39 2 15 1 40. 16. 17. ...tt... 18.

7-31-02 74 0° E 0° E 40 40

Kiln Run to 11 muder 4 mich. was paraco Jet in Leve in concrete mad I I part atlas Patternal Cement

Kiln Run # 12 4 parts conduct fine buck to check to check up mod mixtures in which much better than

- (80 Roft fair scaled fair scaled 17 60 18 60

Willi Rim to. 13: 60 89 3 gml

Cement Tops of Cars 1 part cement, 2 parts Fin clay
3 parts furnishe climber or crushed to about 3/4 much but
not screened. Ished they then souked water over Tright, the splus water wiped of 1. Clineut 2 fine Clay 3 clinker weight dry water absorbed 49 " or 6.35 % of the weight of the 10-3-03

85 Och 24-02 100.17-02 2nd Run of Jamiel Keln Rotary Kiln Run for a method of firing that will Fired with slow coal dist feed at heat the back lend of kiln 9:45 a.M. heated to red by hottest. sico P.M :- gradually increded hear until following morning. moulded brignetter on coments. Fing with 120-100 che of air and highest rate of coal feed got hottest point about basis and placed on care - used 26 or 12 to 15 ft from the front Edison Ore mixed with clay of gla of the kile. Healed this portion in their sections of mould of Dundula of the kill very bot in very short Demalite in fourth Section misely with the weight per ton gum on the following page of builes. The case were moved this kile at Firms with as little air passible - just enough to bu intervals of 10 min. : Furning of the care to the sides of the coal without smake - and highest rate of coal feed got the pill stopped um before last keln hot all the way to back brigantes had reached middle of end - no hat spot mean polu middle - very even heat from five feet from front of killing to sear end and very little smoke Firing killer with highest rate of colar feed and 12 the of

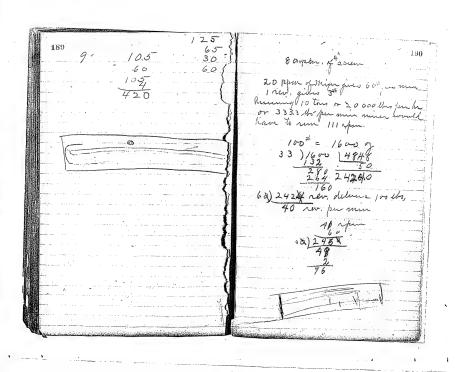
Furnace tral of Jeb. 19, 19088 Run of Junel like, five feet with 15 117 6 bound to old wall securely and 30 Twee of 2096 Jueed arrol during heating up of hil Good . 50 was fed at top speed to 20 get heat to this car, Fried hard for and cooled furnace. Brignettes were 30 20 well baked thro and seemed very 102 good 103 Insed 100 Ford on this car. The other brignettes in the list were baked in the Rotary held 15 min. Brignettes Jos. 1, 4, 10, 25, 32 9-35 were such to bondon by mesons Phodest Tollen. They were analysed her

1 Ao.	RANGER	Regular	,	Open	Color						е .					•		1 m .		9(
1	60		: \p	40	-	Park	i													
3	70	60	J. W. Jah	50	40	del	SK	ionary Fair	Kiln-	all	righ	1 - u	uan 1	wit	f. kili					
4	- 2	70	Chin	,k	30						in non								11 10 00 0	
5	della		60	of or	l'	30	s,K	all	right											_
7	60	,	10	40	Mr.	30	Sh.	haid	enough	but	cia	chid								
8	70	N	10	30	No.	K	5.1	(So	4 on	62	Tom	non	i to	· les	1 000	Tob				
9	60	1881	6		40	000	Star	tionary	Kili-b	ih-	fairle	y has	1-	robat	ly acc	eptal	le			
10	70	60	of B	No.	30															
12	-	70	ON,	90	day	30	S.K.	Cill	right		Thro									
/3		/	50	40	10	nor.X			1											
14.	S. S.		60	20	20	600	SK	all	right											
16	18		60	Mr.	l	HA	1-	erik onne on		1										na'na
17	186.		50	O hop	20	30	S.K.	Soft	on bottom	Luck	- nin	uile d	lus	- has	dieno	ned.	ou to	6		
18	60		- Pay	40	Jarkt.	Х	S.K	Nau	d mon	bu	t son	reive	hat	crac	ked.	niar	front.	f hilm		
19	70 -	75	8/6.	3.0	25	D. 1.			right				7		,					
21	NAK.	79.	55		20	35			Lout	and a	1 04	Ctress	h.							
22	13/2		60		140					1										****
23	55				no no	35	SK	Lca	led, cu lid cr	La	fell									
25	55				35	30	3 A	Hen	tid en	hed	4/	ella	par	<u> </u>						-
26	60				30	B'	SK	Jair	, rathy	ant	Loui	botto	mi 4	betwee	m les	has	toluon	gh on	top.	

10 % 27 55	126	2	35	N	ŝк	· Soft on bottom	and between legs, bot very hard on top.
28 60 29 30 31	60	60	40 8	40 3.5 X	5,/(Rother pafe on	bottom & bittonen legs, hard on top.
32 33 34 35 80	60	Egg.	30	30	SK S. K	all right	euough,
36 37 38 38 30	ŀ	60		20 0 M 30	S.4	. Acaled and	
40		70		30	SK	hard enough all right	fut scaled off
					-		

93 the following results : -Run of Junel Kiln May Piller constructed in middle portion of red brick build with 9 of fur brick with 1" air space between." .034 .040 .033 NO. 25-10.32-.034 The concentrate from which these brignettes were made budliged . 027.70 no dependent could be placed upon any of the above any of

96 350 * 4 drops. 300 atm



Edison Portland Cement Company Records Plant Operations Notebook, N-03-00-00.2

This undated notebook was used by Edison, possibly during 1903, for notes, calculations, and drawings. At the beginning of the book are notes regarding a humidor kiln, as well as drawings pertaining to the design of the cement plant. Several entries concern grinding, separation, washing, and conveyance. Toward the middle of the book are a few phonograph-related drawings. The pages are unnumbered. Approximately 25 pages have been used.

Cold Kilm Let us 272 lbs per maklangth.

Lond 9 "

Conting 66 "

That 347 "

Whight in pounds per for a Congit 4164 lbs
Humpes not makened.

Kilm for Humdon - 5 dia - 14 156 lbs per foot

5 flanges 4000 lbs coach gant 200 "

That 656 "

or 6/2 times load out per foot

of blitms weeples apparating 624 000 lbs.

of these are 14 training pour wheel

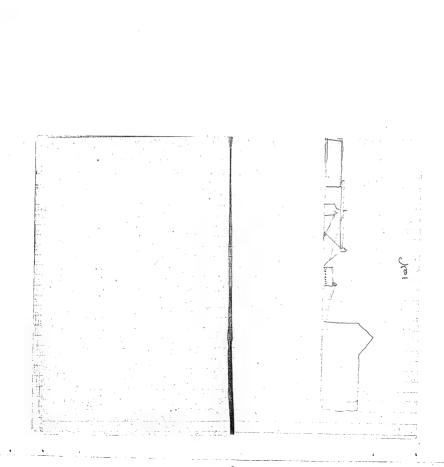
or 44571 lbs on each pair of wheels more

on best gone ond.

on Humdon - 5 pour collect. 1210 lbs each point

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Removalash Chack Englikichis dow about more I caliable Les chack-How about Extender Chalk Stock — to Donble non men Capacity = Toller Gearings defeation Court we adapt Briteroff idea milhis If new cohecl delivery waks (Dhynata Seed up 109 4110- Et of also those un fine grander to 600 ft this Dwick series one from 750 Tms to 900 tows of notwork will be on bect per foot, Cell he any beets should Ge dreven 6 ath Inds Can Loal parvers 68 desponsio with by fredering Coal from

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test get fuel log on Car supampo - Costo tto que colere trouble is how it

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afters would prought dong Demindene 125 Propertor Course at Duster Screw or Crest was . Drie Could make 1 Ther for Coansel distribute along Lolate of Dustin Rend down Coal stock-Exhautler 5000 ft gunn in Both 6 Carre from General shedder Clown

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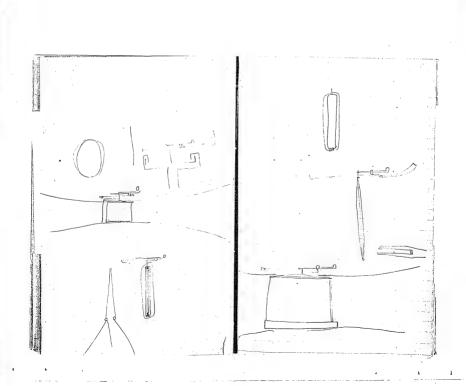
Idlers on heavy loaded GECTS wear very much of maker Spiden files 6 orgale -Why do they preak -Cost by m Mixing plant is grather Stock to flow than shutes of 12 men howarage Masmonys 4 new con 6.c. Octow Cary or under 109 On Clarker Cain. Snor 3 man erent orch shoulder 9 Walor Strage Gig Hem -180 181 Hotton drive

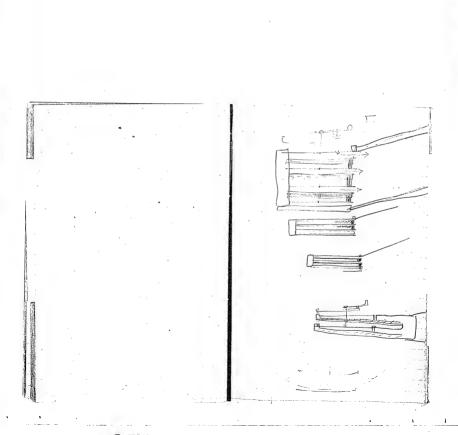
Washery for Lune 1 14 1.3 hulls Saving per 66l per 66 of Coal savas Chally so Helm Should be

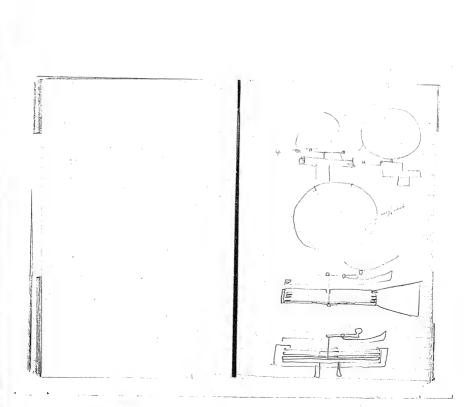
Grisher plant 1 theft for 6665 Sours cleaner Chatte Chuker opendin Steel shell with Lubor 020 gypaun-Humida & higher hime -010 018 Devengliker marrie ja 540 to 600 bke 4 bottle facilita under i bre Ciral été Belt Convayor Javing 036 G 20 Queery Lune drying, -100 Henever C Repair citted in property 020 242 Possible :-Saving in booker confirmation of testing for freture - Vide Junton in Kita Book to 26400

DetoGer Costs, 71_

Reserve Caroling ~







19 May be morsione in the green, among flow.
20 Pressure may have been at times he as them
3½ be on reconsit of historing.
3. The flake has watered from britter using lity
thicker wfull hydrogen whatle but he utility but a good tracker for the for what has noted to
Joseph sure the flow her from which no
good tubes here are in fine put of a

4. End flowings hardened a buffel view.

Good tubes never de -

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2nd I is not the Grance Tox Big Lat has been.

weed right along - it may be varying montione Mot the Grazin -

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not the pressure

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Not 12 spiral -

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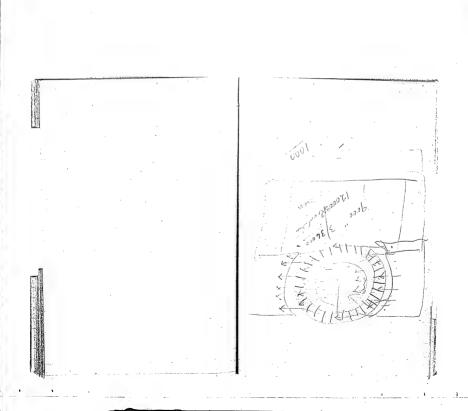
I Jamprod bring out 1/16 wick End of planger nors

10= Pito Then work by champing green or all also a then letting both the p.
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Lo one wide cover the other

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brow changes whiley but it has not
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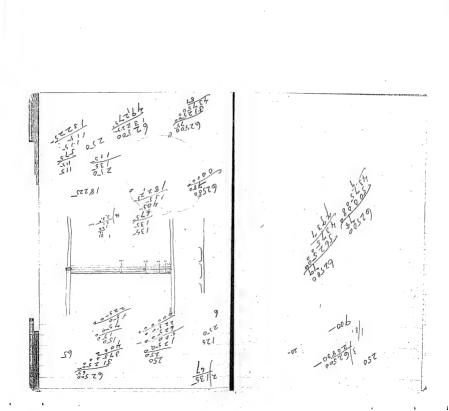
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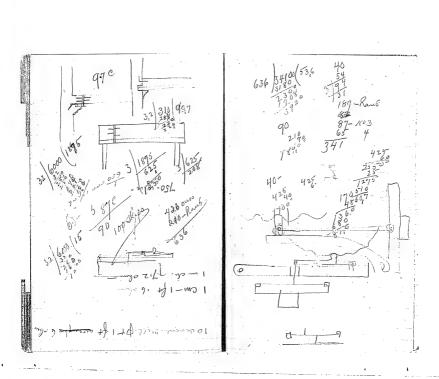


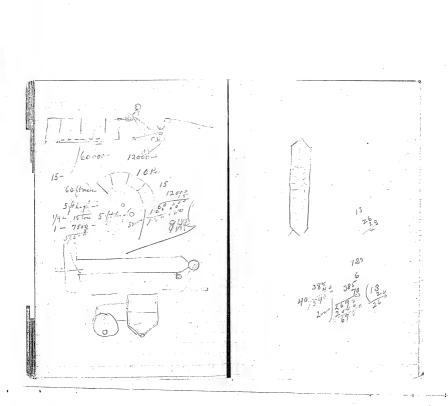
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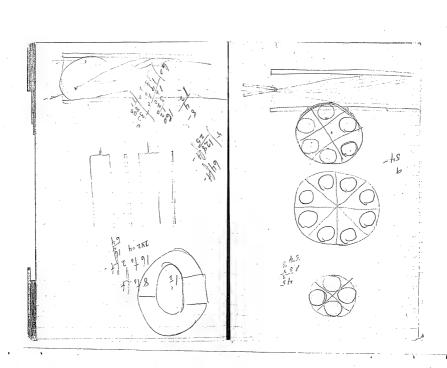
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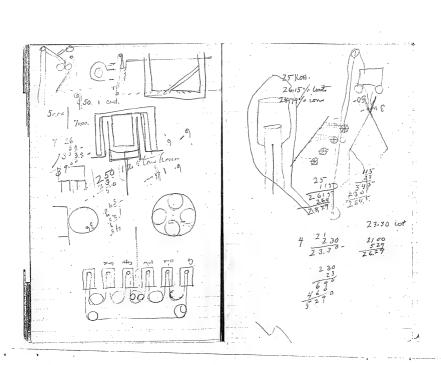
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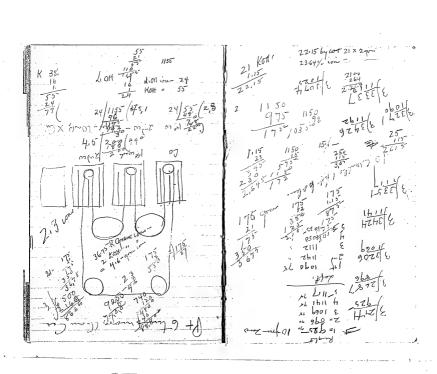












Edison Portland Cement Company Records Plant Operations Notebook, N-04-11-01

This notebook contains an undated entry by Edison on the first page. The remainder of the book was used in 1904 by draftsman E. J. Glasebelt, for drawings and calculations relating to construction plans. The front cover is marked "Simpkins."

Only the entry by Edison has been selected.

Commence - where 50 HP to put
from Dame 513c and 15 + Cult
cell to preced.

2= Tlexible - speak about Blower

hat only one pinions on all our heavy of moreover 26 wearing but they are discreting shows of suffery and survey of suffery.

Edison Portland Cement Company Records Plant Operations Notebook, N-99-07-01.1

This notebook was used by Edison for notes and calculations relating to operations at the Stewartsville works during the period July 1905. February 1906. The calculations detail plant capacity and losses in time at different stages of production. Included is information regarding the crusher and packing plants, the kiins, and the quarry. Other entries pertain to supplies, repairs, and the consumption of coal and oil. The front cover is marked "Cement." The pages are unnumbered. Approximately 60 pages have been used.

N-(99-07-01.1)

- oss of capacity at Crushing plant Waiting for rock Giantil 1 # 36 Rolls 36 Rolls .36 Rolls Car Hoist tolkep Dump Engine Noi Tracka Car trouble foot melmis Conveyor 9 102 244.5 mm dail Exactly half of the whole loss of

time is due to waiting for Rock.

The Quevry record shows that the average daily waiting for Caro was 241 minutes

Compher-104 Con 196 Days 196 Days-18/- 36 Rolli-Water Slopes Rudpetor of grand rill Balt affipal Beetshoped 269 V Motor Gurn Jout 265 Pin - flyworked 16 Champyorks Chakep " Short CKT.) -Refusational Repair conserse Belton Hodorout 14 Repres Mater Chia Chabod 2" 35 ROR aking up belt. Sheiner 281 Ariva GELT Shuppolo Moties Come operit"
Report touch to.
Changes there pin
Plan Chapter Tive Co.
Oholies, The and Pet boardson Chate Tako Goondo offolelum Repair Tripper ! Mont don't lant 1054 3432

Hoffers -Rock slick in Grant Hope ;-Hopper witer quit Choked 309 115 68 Emply overflow flogger Cleaning Steeper Rock stuck in [270 Koll-0,3 59 0,3 conte these stops duplicated in ofinities Evidently it don't pay to send up sxlva , longe rocks when ever are pushed

210 Days Loss Time Con 111 -Repair belt, C Beltallipped C Enquest Noz Stuck, overlead Feed roll Bijon Taking up Solt, O Motor -1.09 Shaft- Penumbroke. 110 Thater het fuseblow, bell slipped suffermet 111 Hoper 600 oked 112 fuses blew. They shoft Drive Garaine gudgemi - 5 = Bearing 2nd S Lags of S 101 Repair ohoft 1 " conflow cheste New belt. Reprier Junde Rubbon 0.4 Mincellauro

average from July to Febry

0.4

This is average loss daily cutside of Crushing Rolls -

Crushing Robb Loss capacity daily

Hours + 9 minutes

Chalk Plant. July To Jany Cables she was ste , of 2991. 32 denver 3439. 53 - feares daily Expe outside belto \$16.38_ Cables 2934.10 Repair Labor Laney Roll blates 1720 54 Miscellaneous 554 57 3,00 600,00 Bearings .56 123 Bushings . 58 Motor straps Wood Sheaves 40 56 Transmission rops 78:62 Sheave bushings 26 00 . 13 Gudgeon + Granings 34 . 12 Pinioneshaft -33.49 . 15 Spacing Rolls 31 32 Sprakets 19:10 Scrap Rubber belting 10.33 Plate bolto 13.59 Sheaves 7 67 Check Plate 10 40 Wear " 14.79 Wood shear bins 13 00 4.68 Roller chain Winz 2.89 Con Brushes. 1.26

Loss in Clinker Crusher Plant Diverage of 196 days.

1# 36 Rolls 19.0 mm Zouty 2. 36 Rolls 45.5 5 Con 125 31.6 Con 126 75.9.

Con 126 75.9. No 126 75.9. Scrapor- 10.4

Develop I so time in Coment franching
Plant from July for 19to days

Engine Alex 3

11.3 mins Daily
19.8

130

137

137

137

137

137

139

6.6 diver mechanic
139

6.7

140

2.4

143

1-4

144

5-2

131.2 mins Daily
2016

137

138

6.6 diver mechanic
2017

140

2017

140

2018

Contaide of time lost on Rells

doss on Rolls

231.2

131.2

131.2

doss on Rolls

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by reduced to 104.4 m

grunder plant 210 days كالمنالد 22 00 15, 24, Roll Plates -Roll Shafts 1368, 62 Miscellaneon 1256.06 5.98 at dead Battitt -757. 43 8.36 422, 98 earunts --uetural steel Coultup ste . Drive Belt. 219,00 Roll Sheaves 228, 24 179 33-203 60 Plate 60cts -179 203 155 - Rotten Wood TRope sheaves Sheave bushings -Rotten 55 27 79 94 5 Dump Pulley 24" 8 ply Gelf -123 31 - what 16 50 37 ,80 10 gears. Punon shaft 20.00 Transmission Rope 87.48 Mater Thraps 23 79 Wood shear pen 51,88 Coupling bolts -Check plates Rubler Drophms 10 50 5 18 worz -Spraketforson 5.00 55.18

Substracting 6811.91 - due to dispersing with Repris or rolls leaves, 9700.76. 1

Jeaves daily Expenses of 46.19
Orderide Conveyor Gelts

Repair Labor Daily 45.56.

77.63 - Daily
But change to paring wills about or reduce to the formation of 91.75
touch closioned
Offset will be salva coot of Coal for power.

Quarry

Loss average daily 196 days -

Waiting for Caro
Cleaning loading Track 69
Moung Thouse 77
Thouse Repairs 32.9

Layun loading Track 33.

Waiting for steam 5.

for Blasting 13.

" for locomotion 5.9

This appearantly leaves only 125 minutes doubt to load, Appearantly if anany works to hours money one chouse at a time the record must be wrong!

Loss on RRailroad

from all causes 1.8 minutes daily -

Changing to spring Robb sources
56 4 minutes Reducing loss to

Loss daily -Putting on roff plates 52 minutes daily-as one roll was running this cut down capacity plants to 26.0 min daily Collars 7436 - 38 inm tolal-1/11 Starting 873 Springs 3295 Driva Pully 1127 Stream Oiler 445 : 2.4 Girderi 3077 16-Coupling + Unc 1012 5.3 Cables 3116 16.3 Shear 511 2.6 Choked 1900 10. 1600 8.4 Sheavis. 1505 7.8 6871 36. No aur 15.2 2993 Hoffer 482

No 1 4 2 Chalk Rolls-

The records in chalk plant are bady kept, for a long time no loss of time was quern for pulling on plates, deneated want every minute accounted for in the 24 thours of for Each day in the month.

Bet Jany 11 + 17 th on Roll 102 there is a lot of time to accounted for this tends to make necords worthless,

Clinker Grinder rolli-Caleleo 1939 2446 Sheared 427 606 674 Plates 5,686 11875 -> why 5 5397 Beet-

New Bush Jack Shoft. 1275

Choked

73

Flatte.

000 7486 2766

Widging Howings 000 000 153.

This is a total loss in 220 days from July 1st to Februson of 672 menutes daily

or for whole Mell- 224 minutes Dady

Coupling 11.4 2616 Shewind 7.7 Plates 104.3 BELT. Sheaves 29.2 Spacing Rolls 83.4 Botts, Loose plates 4.8 Thrust Collar . 17.3 Bearing - 28.0 Bushings 159,0 Aprends -Hew Bush Jack Various -It is probable the loss of time of coupling a uncoupling should not ox divided by 3 in the total, There are probably other tems that should be corrected same as coupling - sto -

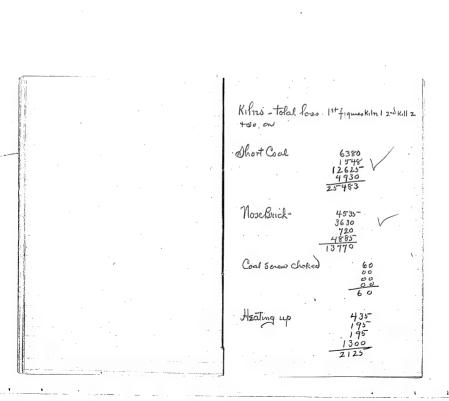
There was 343 items against the 3 Rollisto presable that for each tem the will had To 6: obut down + otherted up - I allow 10 minutes for this which makes a total of 3430 minutes which is 220 days is 15 minutes, 1/s of which to 5 minutes -Do that for daily plant Rollis -3 67,4 Minutes, Or 6 hours or 7 minutes out of both shifts, 296 minutes

It is probable belt time must not be devoted by 3 but the nucle is down the well is down the well in the well increase daily loss from Roll chive belts to 7.61- This walls 5 minutes

This makes Corrected level of Plant 131.2Roll 241.2

3724

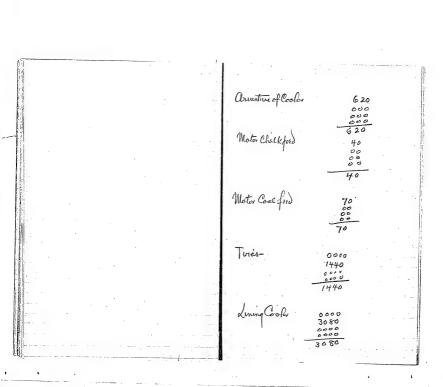
6 Hours 412 mmutes,



Chalk Soiew-2045 125-190-4365 Bolto 190 80 35 195 500 Idler Shafts 1285 430 660 120 2295 Motor Olraps 125-

Patching 3120 1050 1345 4345 9860 17520 25-870 23 452 24622 91 464 Chack Supply out or low-Shell Cracked 14205 14205 525-11145 590 2230 14490 Stack

16453



Coal Ring

3440

Jotal loss 225 412 minutes in 225 Days - or 1000 minutes or 16 hours chally - Deviding this in the of Kilns gives are age claig loss Ench Kiln of Kilns of the hours - The method of Kesping the Ises ord is ouch that withing can be got out of it - Hereafter Each Kiln west

of it Hereafter Each Khill went cheevent for 24 hours every neumb whether its running ornot of the reason otherwise record is no good fuckers

Belt slipping -358 min lost Beltsplice, Cought in S A pulled apart at sphes 92 305 Repairing 374 Jaking up 487 Fuse blew most 715ductoporlando Fracking Gelt. Hopper blocked Ducto to B plugo Overload dontstand 20 Put on Opecial 9 Der 47 Changing Motor Chy flor shaft drive Shaft bent ... 1270 232 50 Broken teeth 492 Repair fly drive 240 drivi New gear ashaft dues 2. Shaft broken Patting Chain on 1 860 1930 Luse broke 123 12

Strap broke - 1 Stem 56-mencher Switch burnedout 1 " 76 " Patching Hoffer 1 " 22 " Jotal Loso 8469 menutes.

of this 5261 minutes was lost by the troubles in the Mator activing mechanism, While the but trubles rather things Like fuse blowing para overload Hopers 2to was 3208 minutes,

The bad show afthis Conveyor was cluz mostly to a Ruttendows of shops let us fixed but from last record & thunk it hasn't second. This down has a horrible record, Why do good teeth organ.

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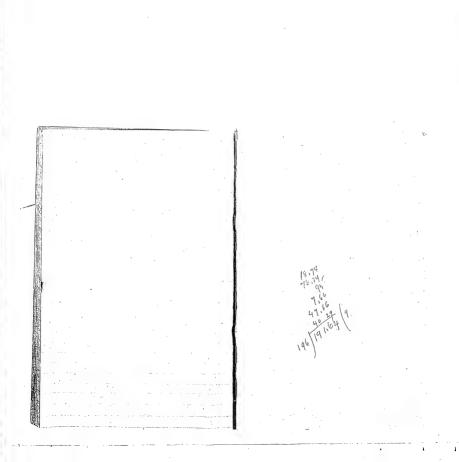
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Edison Portland Cement Company Records Plant Operations Notebook, N-99-07-01.2

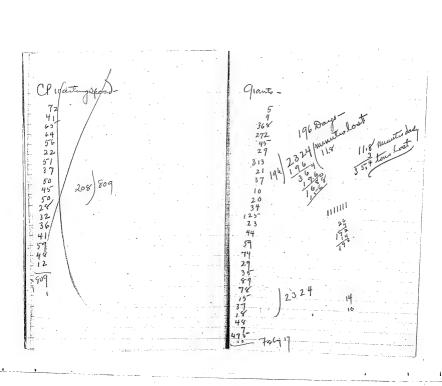
This notebook is a continuation of N-99-07-01.1. It was used by Edison for notes and calculations relating to operations at the Stewartsville works during the period July 1905-February 1906. The entries concern plant capacity and losses in time. The front cover is marked "Cement." The pages are unnumbered. Approximately 60 pages have been used.

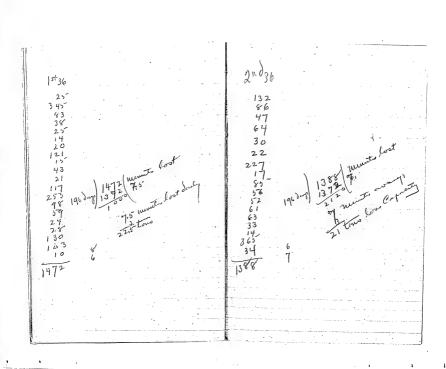
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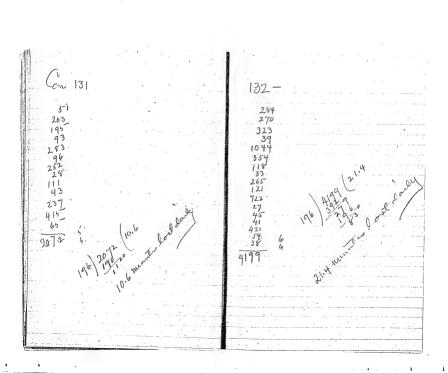
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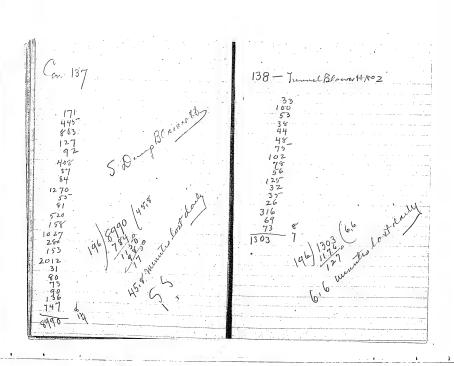
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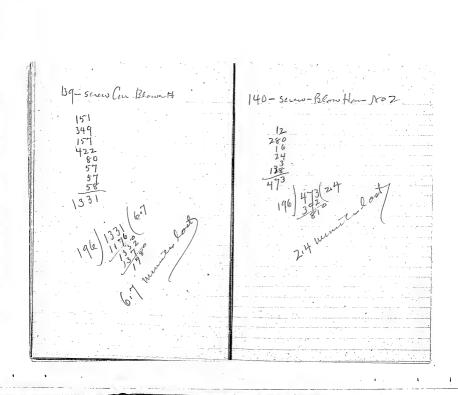
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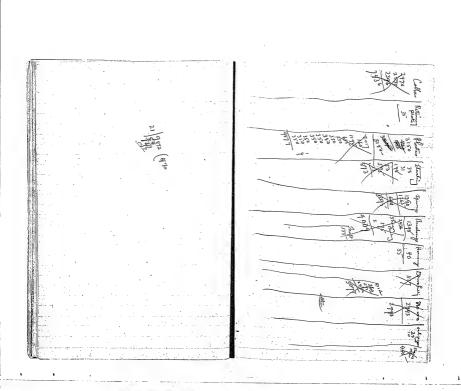
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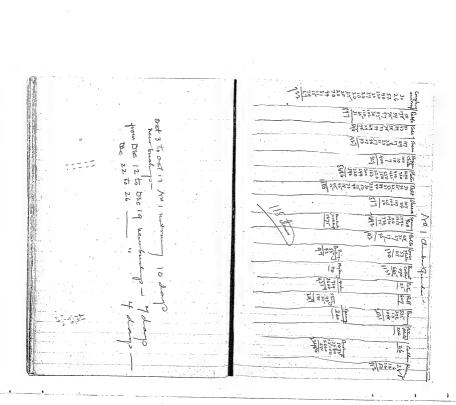
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EDISON PORTLAND CEMENT COMPANY RECORDS PLANT OPERATIONS - POCKET NOTEBOOKS

Edison Portland Cement Company Records Plant Operations Pocket Notebook, PN-01-00-00.1

This undated pocket notebook was used by Edison and an unidentified author for notes, calculations, and drawings relating primarily to prospectors' surveys in the vicinity of Stewartsville and the analysis of collected samples. Included are notes from surveys conducted by Edison and Francis R. Upton. Most of the drawings are topographical sketches. Near the end of the book are notes and drawings pertaining to blowers and oil feeds. The front cover is marked "Pass Book." The pages are unnumbered. Approximately 40 pages have been used.

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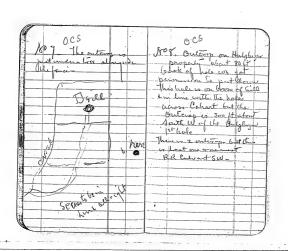
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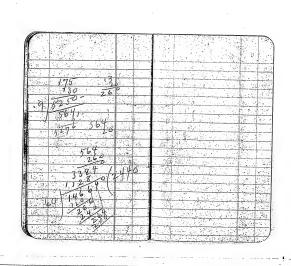
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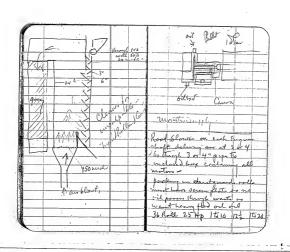
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EDISON PORTLAND CEMENT COMPANY RECORDS FINANCIAL RECORDS

These records cover the period 1899-1912 and consist of five general ledger books summarizing transactions relating to the cement works at Stewartsville, New Jersey; company offices in Philadelphia and in Camden, New Jersey; and the model of Edison's concrete house at the West Orange laboratory.

Among the items not selected are seven general ledgers (1913-1929); eleven journals (1899-1925); fourteen cash books (1899-1919); eleven cash receipt books (1919-1931); and four cash disbursement books (1920-1931).

General Ledger (1899-1903)

This ledger covers the period June 1893-June 1903. As the account book of final entry, it summarizes transactions relating to the cament works at Stewartsviller, the company offices in Philadelphia and Camden: and the model of Edisor's concrete house at the West Orange laboratory, Included are accounts payable and receivable, sales accounts, and entries pertaining to the quarties, mills, and machinery at Stewartsviller, Other accounts relate to experiments, plans, and assays. Numerous serifies concern the assessments and payments of individual investors in the company, including Charles A. Coffin, Theori I. Crane, James Gaunt, James Gayley, Harian Page, William S. Pilling, Williard P. Reid, and Robert H. Thompson. There are also accounts with Edison and with various Edison companies, including the Edison Manufacturing Co., Edison Charles Milling Syndicate, Ltd., Edison Phonograph Works, Edison Storage Battery Co., National Phonograph Co., and New Jersey and Pennsylvania Concentrating Works.

General Ledger (1903-1905)

This ledger covers the period July 1903-December 1905. As the account book of final entry, it summirzes transactions relating to the cement works at Stewartsville; the comparing offices in West Orange, Philadelphia, and Camderi, and the model of Edison's concrete house at the West Orange laboratory, included are accounts concerning sales and warehouse operations; capital, bond, and interest accounts; and a profit and loss statement for the year 1905. Other entries pertain to the quarries, mill buildings, and machinery at the Stewartsville works. There are also accounts with Edison and with various Edison companies, including the Edison Chemical Works, Edison Manufacturing Co., Edison Storage Battery Co., National Phonograph Co., and New Jersey and Pennsylvaria Concentration Works.

General Ledger (1906)

This ledger covers the period January-December 1906. As the account book of final entry, it summarizes transactions relating to the cement works at Stewartsville and company offices in Philadelphia and Camden. There are accounts with Edison and various Edison companies, including the Edison Manufacturing Co. and the New Jersey and Pennsylvania Concentrating Works.

General Ledger (1906-1909)

This ledger covers the period January 1908-December 1909. As the account book of final entry, itsummarizer tannactions relating to the coment vortica st Stewartsville and other comparing facilities. Included are accounts, payable and receivable, bond and interest accounts, payor accounts, and sales excounts. Also included are profit and loss statements for the period 1908-1909. A few accounts pertain to the use of duck tags in the shipment of cement. Other accounts relate to company officiors in Boston, Carman, New York City, Philadephia, Phistory, and Savannah, as well as storage facilities in New Jersey, New York and several southern states, including Alabama, Georgia, Florida, North Carolina, and South Carolina. There are also accounts with Edison and various Edison companies, including the Edison Crusting Roti Co. and the Edison

General Ledger (1910-1912)

This ledger covers the period January 1910-December 1912. As the account book of final entry, it summarizes transactions relating to the center voice as Elsewstaville and other company facilities. Included are accounts receivable and payable; stock and bond accounts, payroll and advertising accounts; profit and loss statements; and accounts perialing to sales, including the sale of fertilizer. A few accounts deal with paper and duck bags used for the shipment of coment. Some entries relate to poutly farming at Stewartsville. Others perial not company sales offices in Boston, Newari, New York City, Philadelphia, Pitisburgh, and Savannah. There are also Forcia, Georgia North Carlonian in New Jersey, New York, and several southern states, including Forida, Georgia, North Carlonian, and Carlonian in addition, there are accounts with Edison and various Edison companies, including the Edison Crushing Roll Co. and the Edison Reunfacturing of Co.

Edison Portland Cement Company Records General Ledger (1899-1903)

This ledger covers the period June 1899-June 1903. As the account book of final entry, it summarizes transactions relating to the cement works at Stewartsville; the company offices in Philadelphia and Camden; and the model of Edison's concrete house at the West Orange laboratory. Included are accounts payable and receivable, sales accounts, and entries pertaining to the quarries, mills, and machinery at Stewartsville. Other accounts relate to experiments, plans, and assays. Numerous entries concern the assessments and payments of individual investors in the company, including Charles A. Coffin, Theron I, Crane, James Gaunt, James Gayley, Harlan Page, William S. Pilling, Willard P. Reid, and Robert H. Thompson. There are also accounts with Edison and with various Edison companies, including the Edison Manufacturing Co., Edison Ore Milling Syndicate, Ltd., Edison Phonograph Works, Edison Storage Battery Co., National Phonograph Co., and New Jersey and Pennsylvania Concentrating Works. The spine is stamped "Ledger No. 1." The front cover is marked "15." The book contains 473 numbered pages and an index; some pages are blank.

[REDUCTION RATIO = 16:1]

Edison Portland Leernent Leo Zedgu 1889-1902

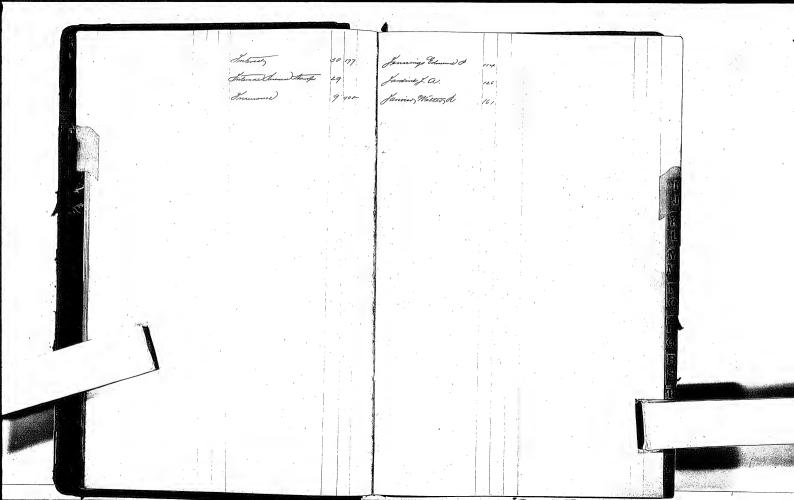
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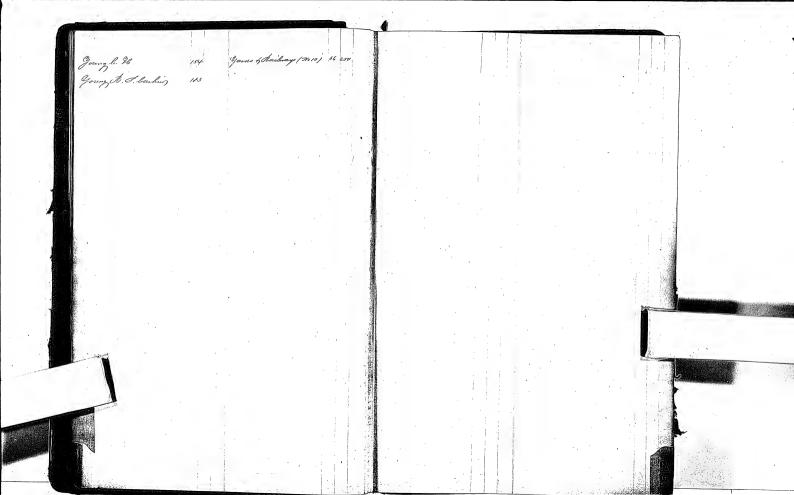
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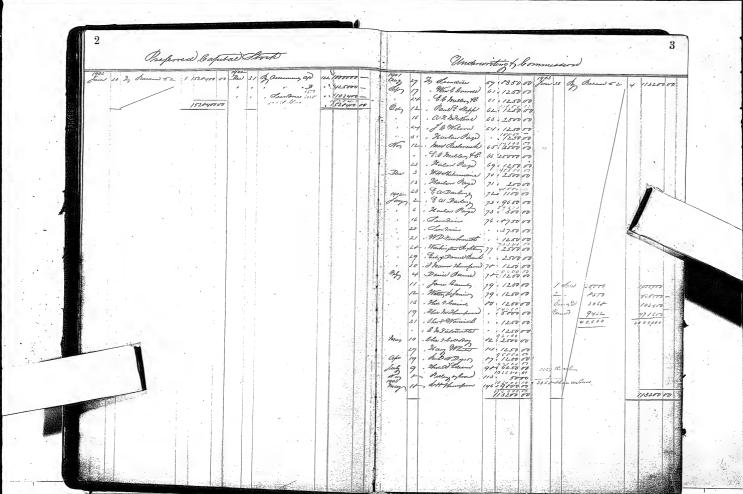
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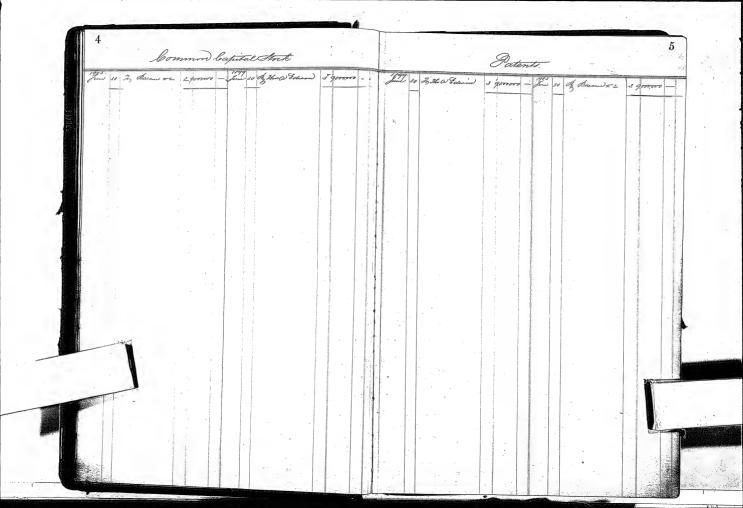
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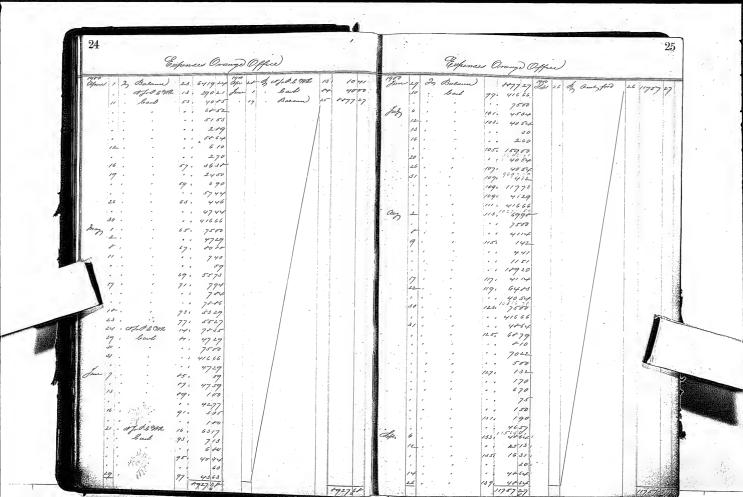
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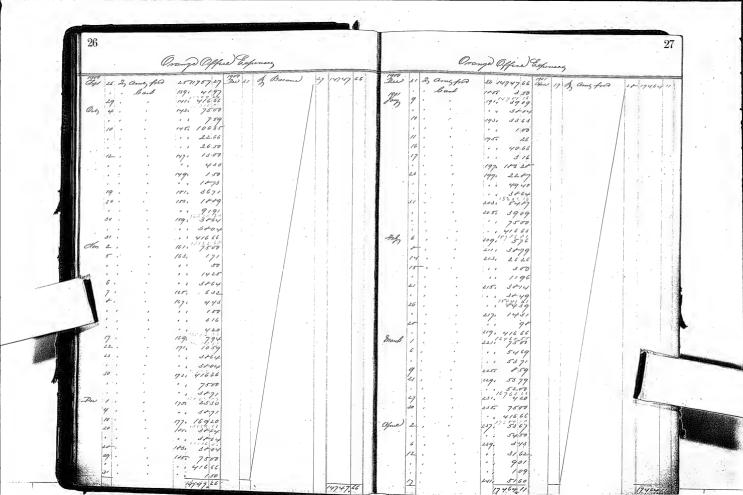
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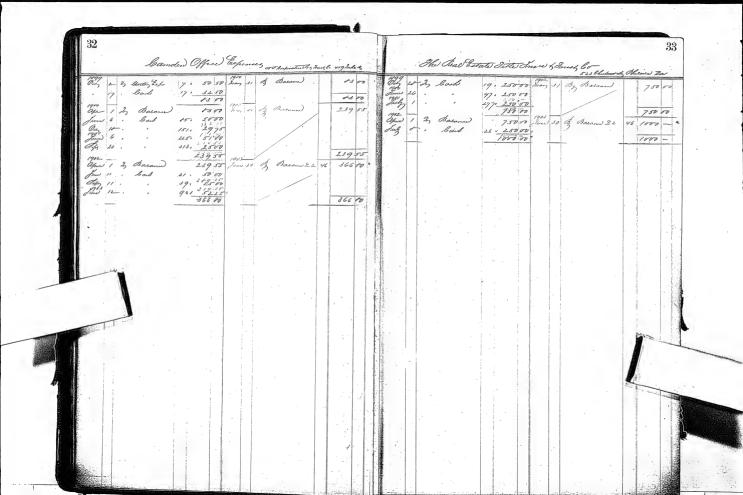
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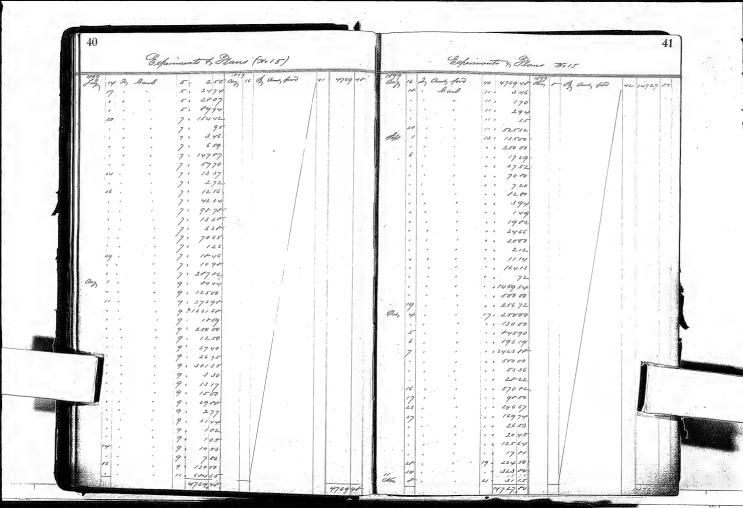
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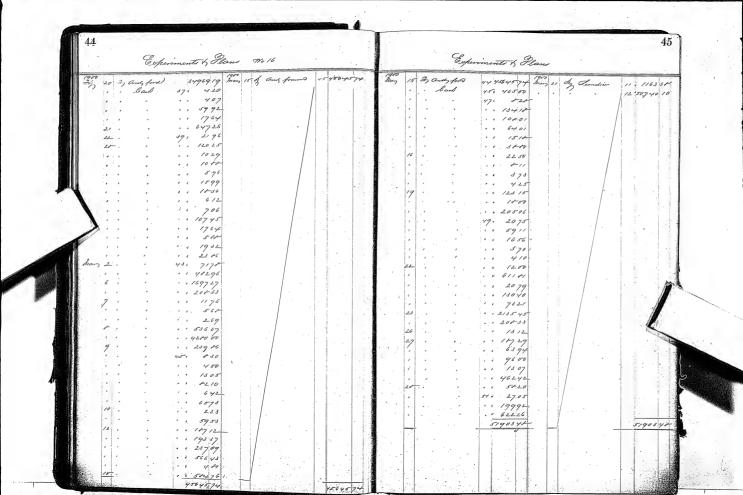
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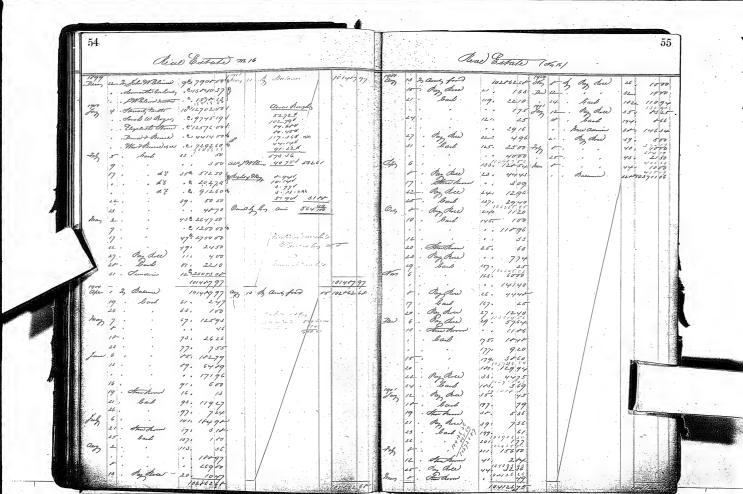


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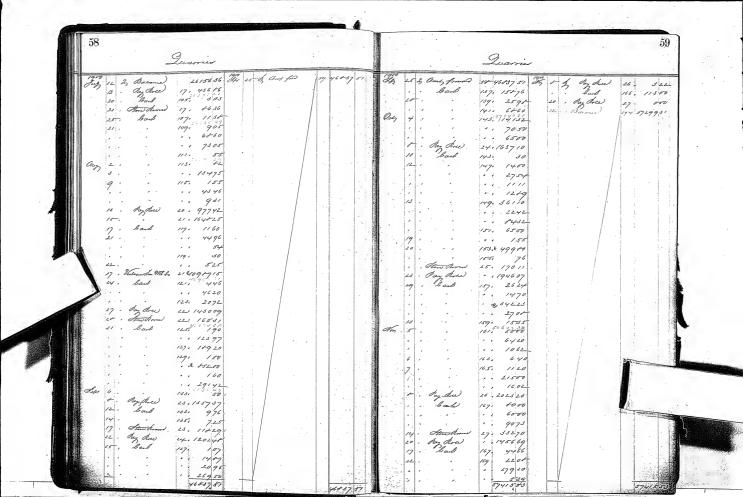
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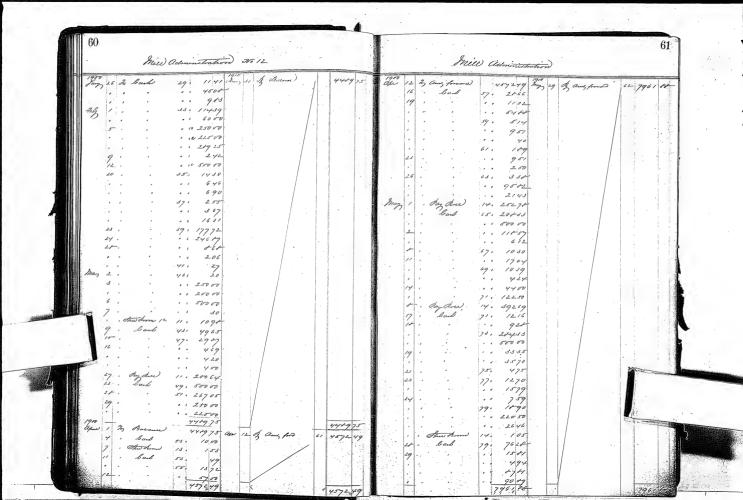
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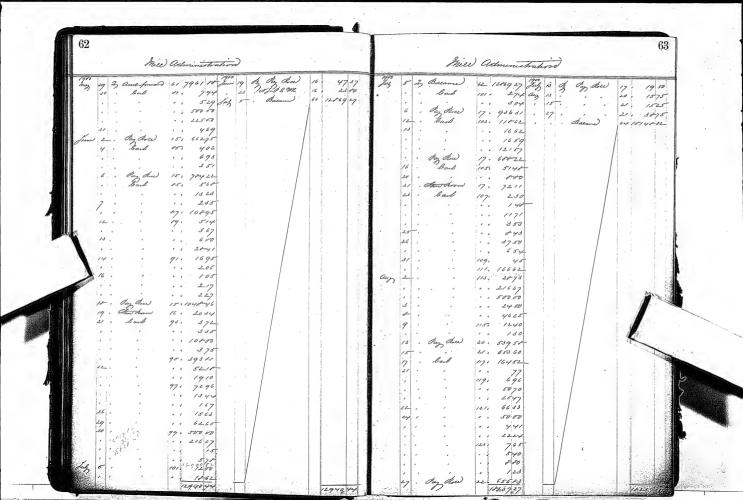
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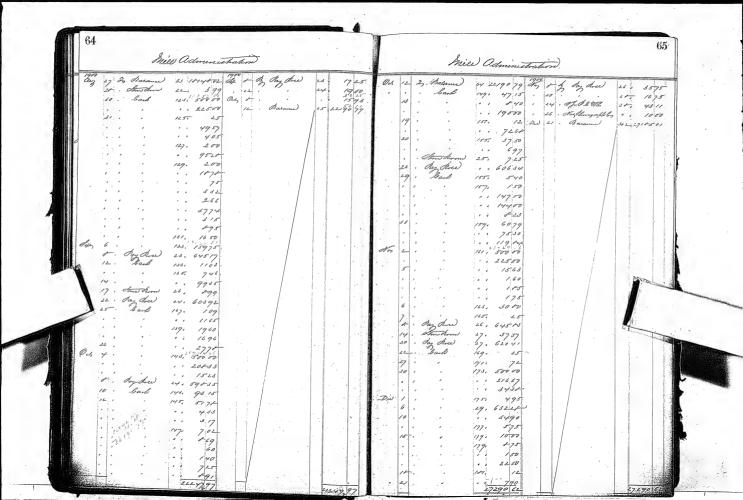


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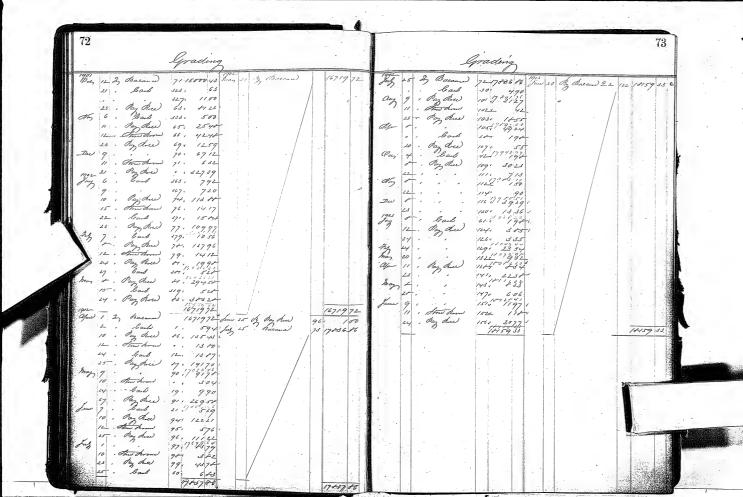




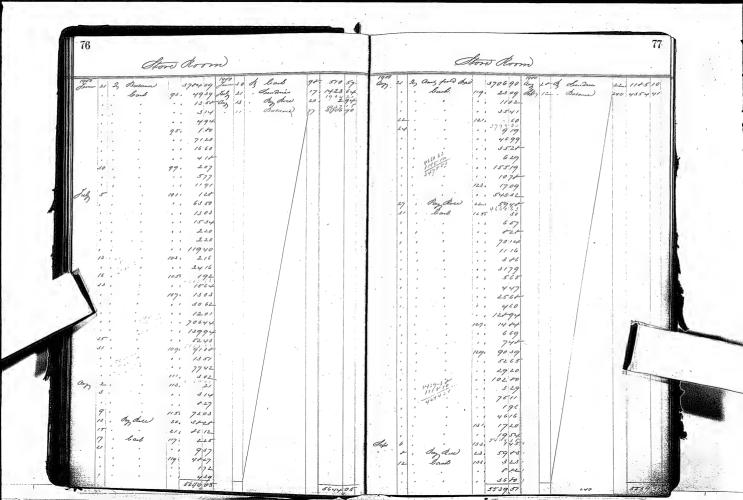
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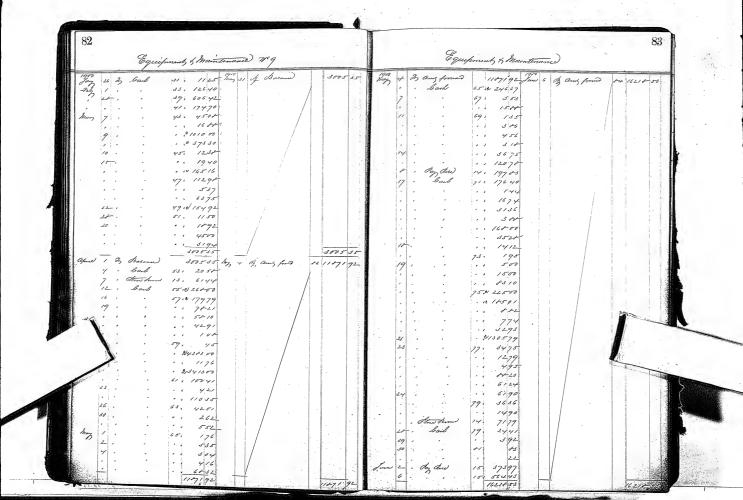


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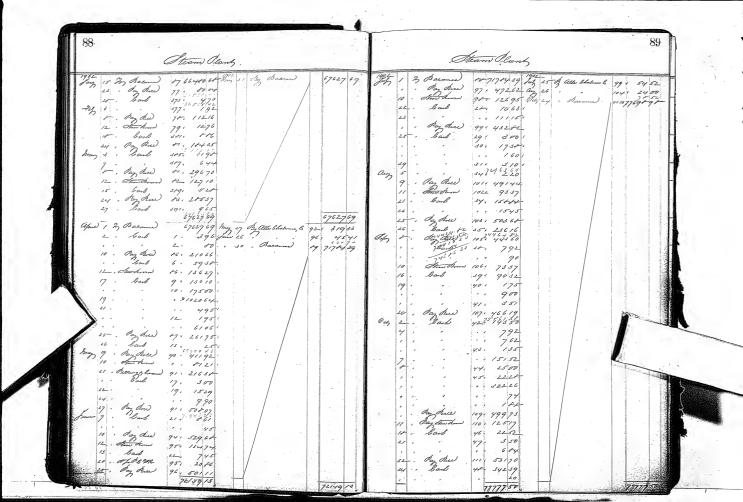
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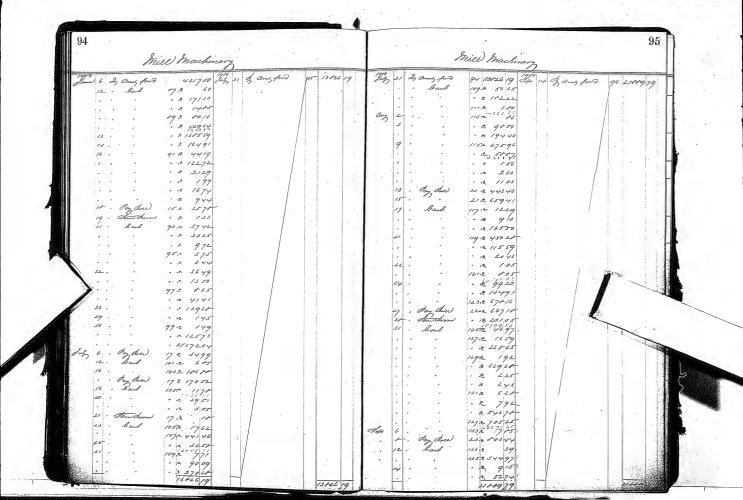
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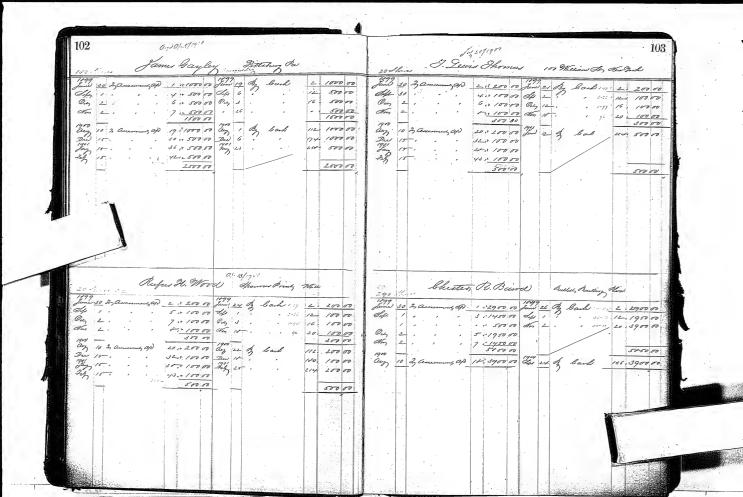
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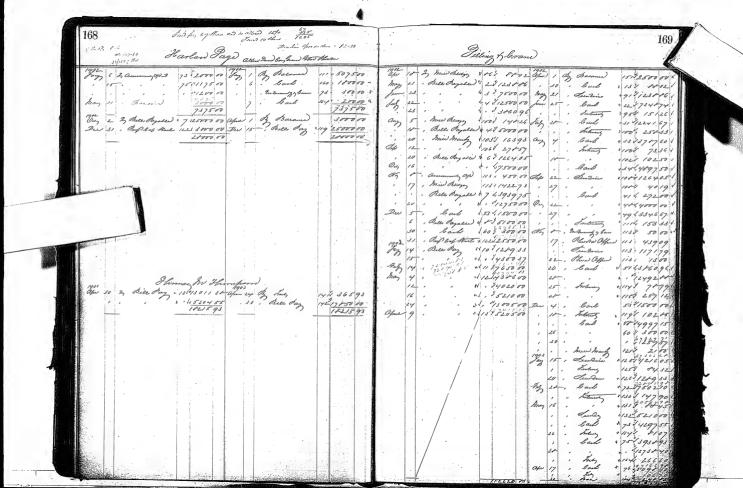
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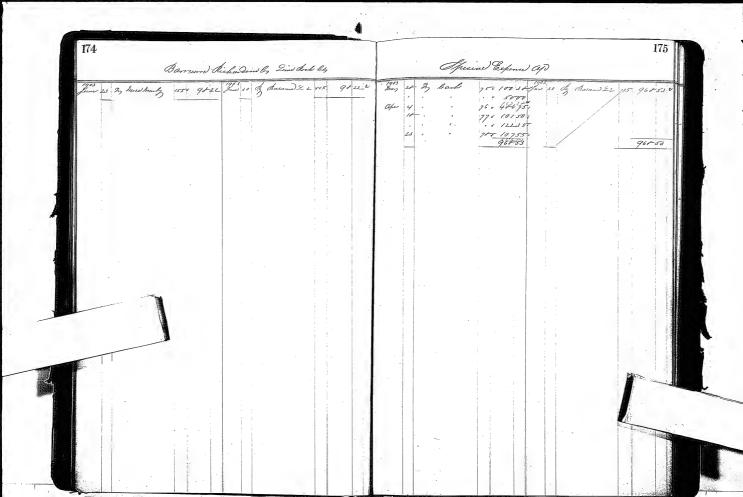
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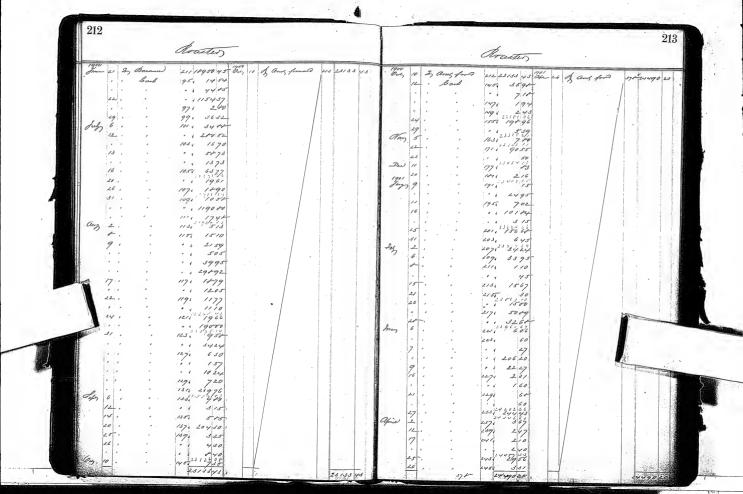
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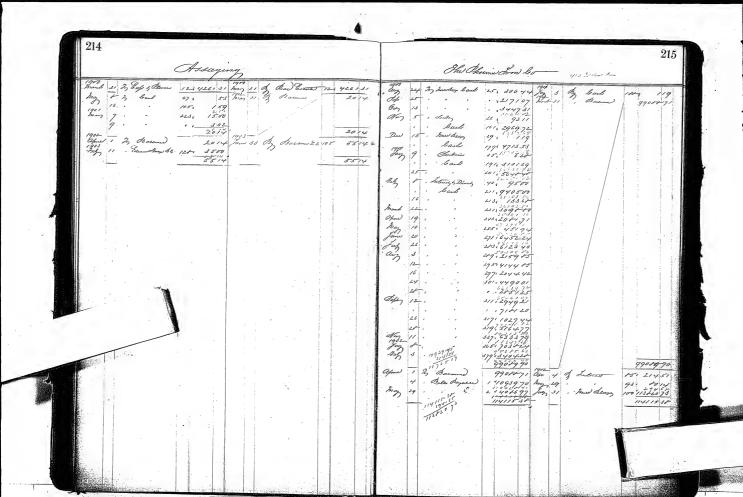
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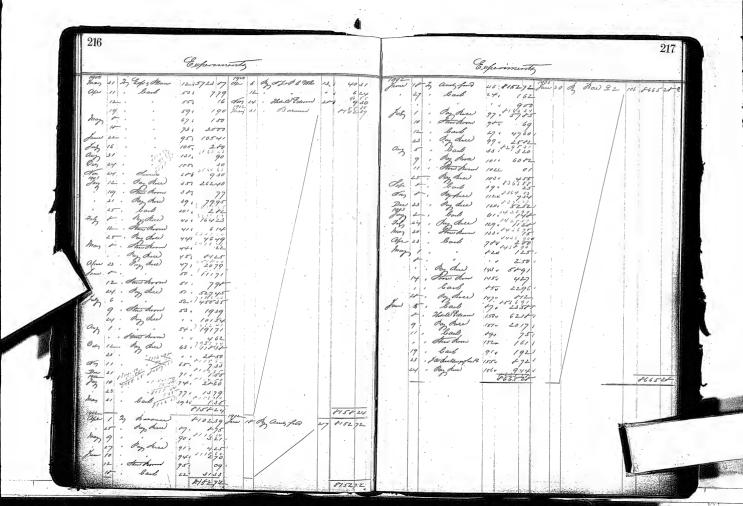
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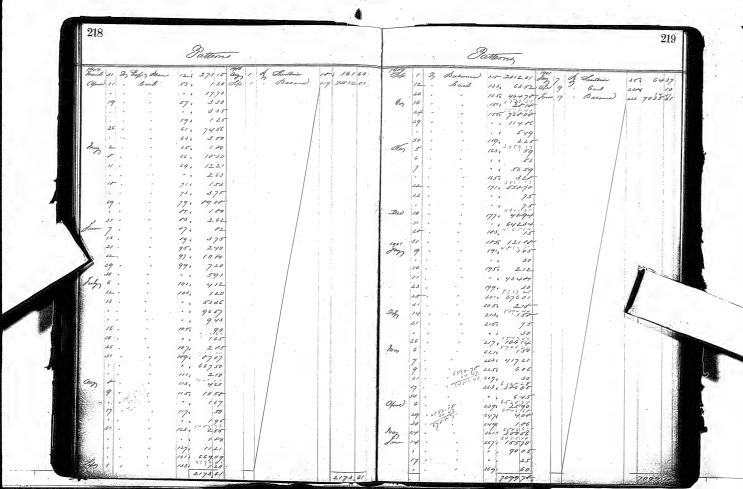
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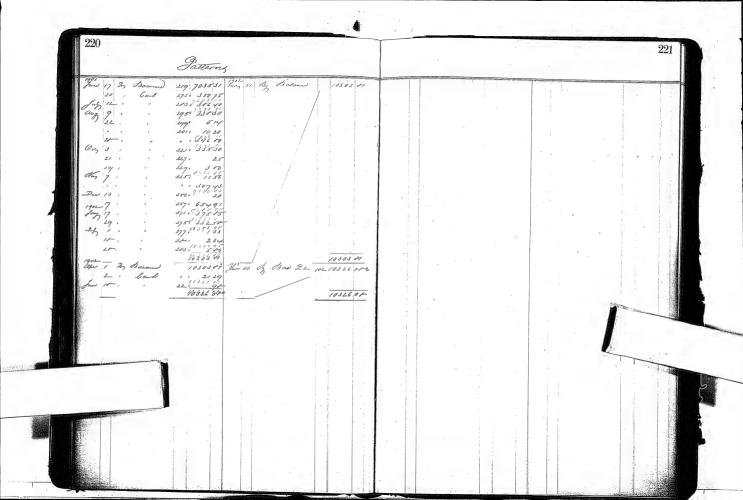
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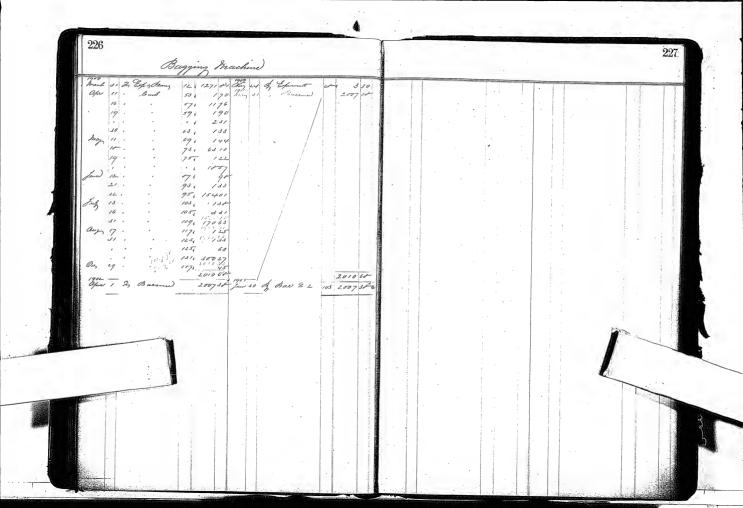






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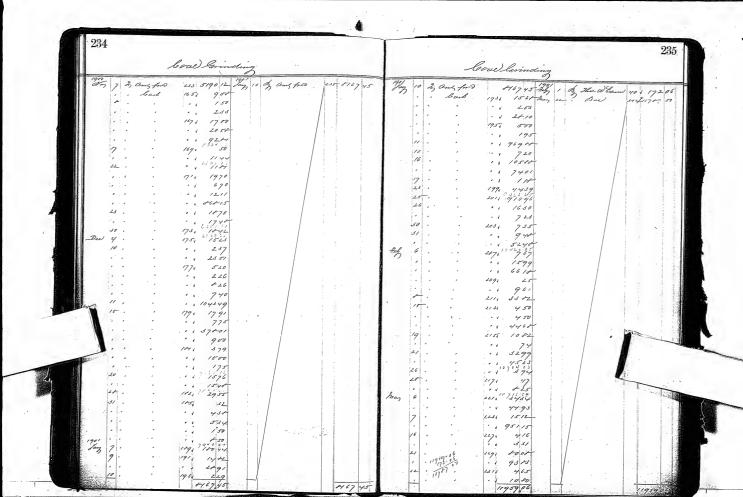
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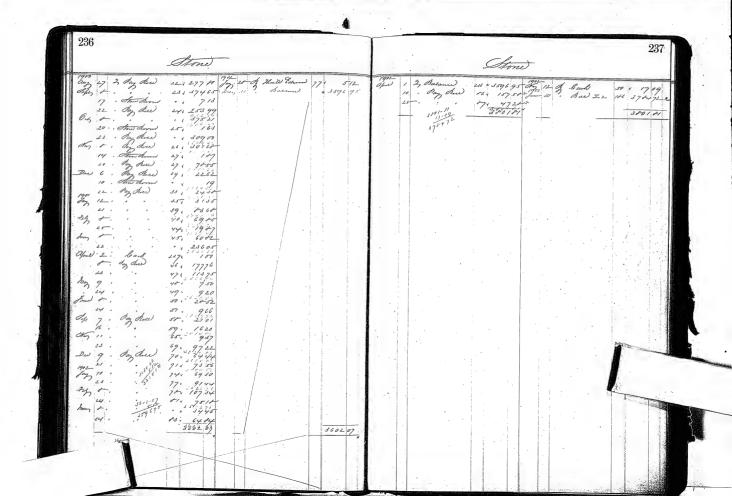


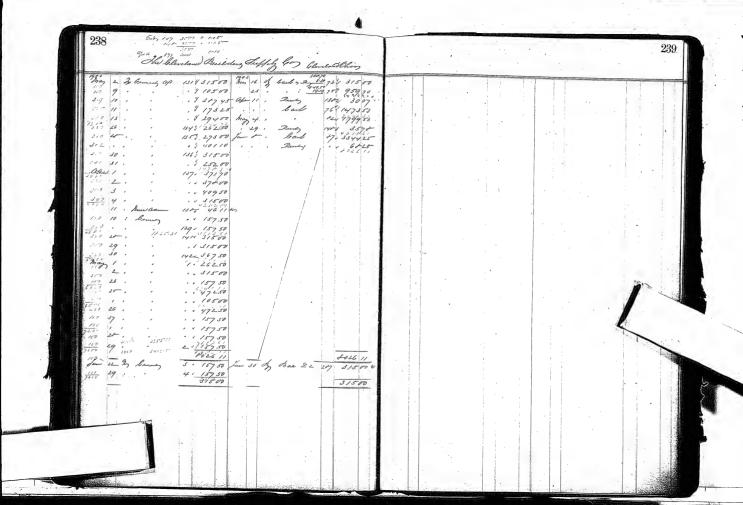
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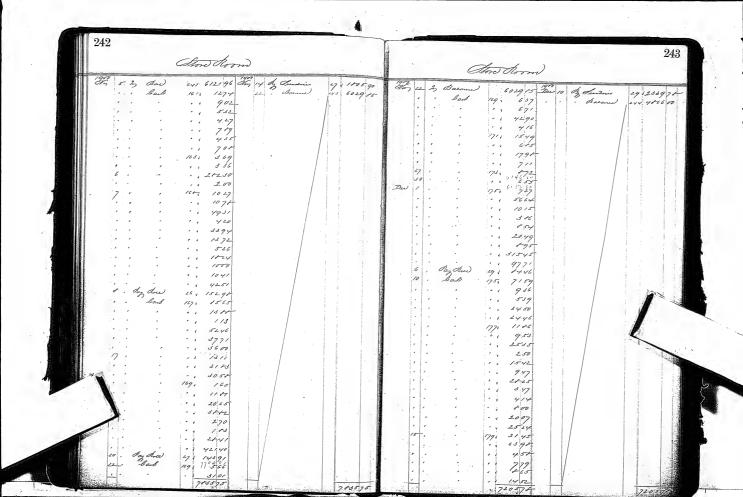
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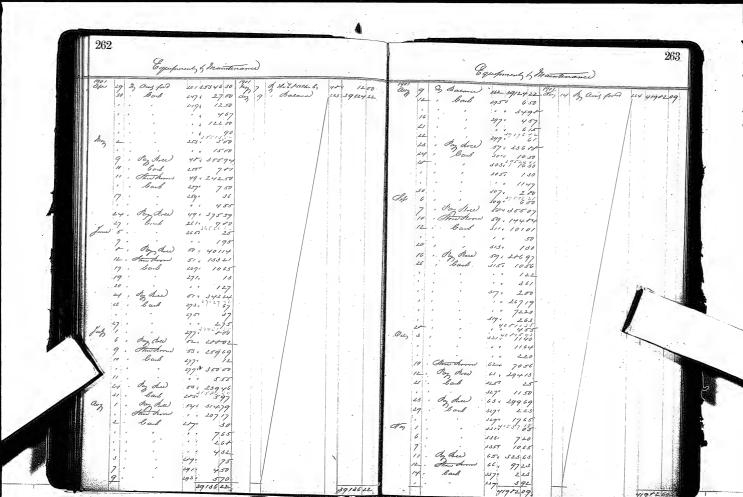
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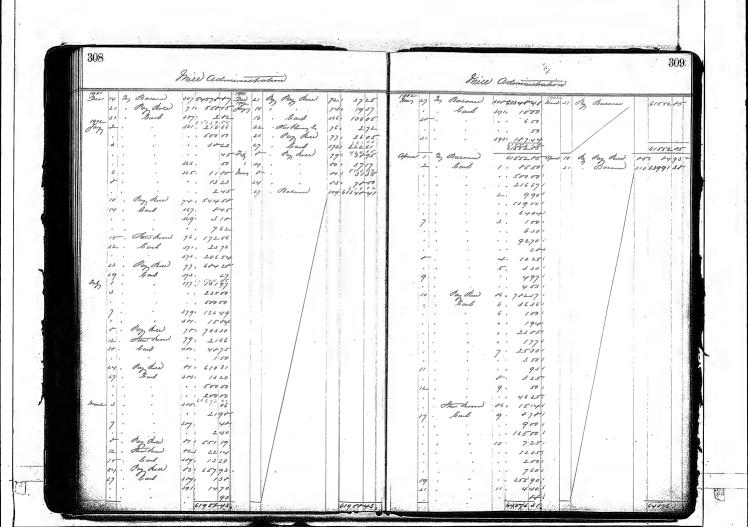
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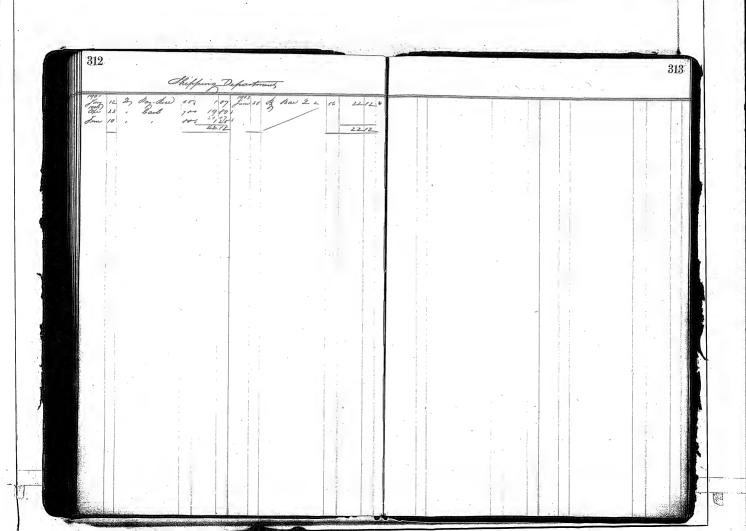
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